

## **Parts Manual**



# **Prestige**

### **4WD Series Garden Tractors & Mower Decks**

#### **27HP Product**

Mfg. No. Description

2690735 Prestige, 27HP Hydro 4WD w/PS RMO TRACTOR ONLY
2690792 Prestige, 27HP Hydro 4WD w/PS RMO and 54" Mower Deck

#### **Mower Decks**

 Mfg. No.
 Description

 1695424
 44" Mower Deck

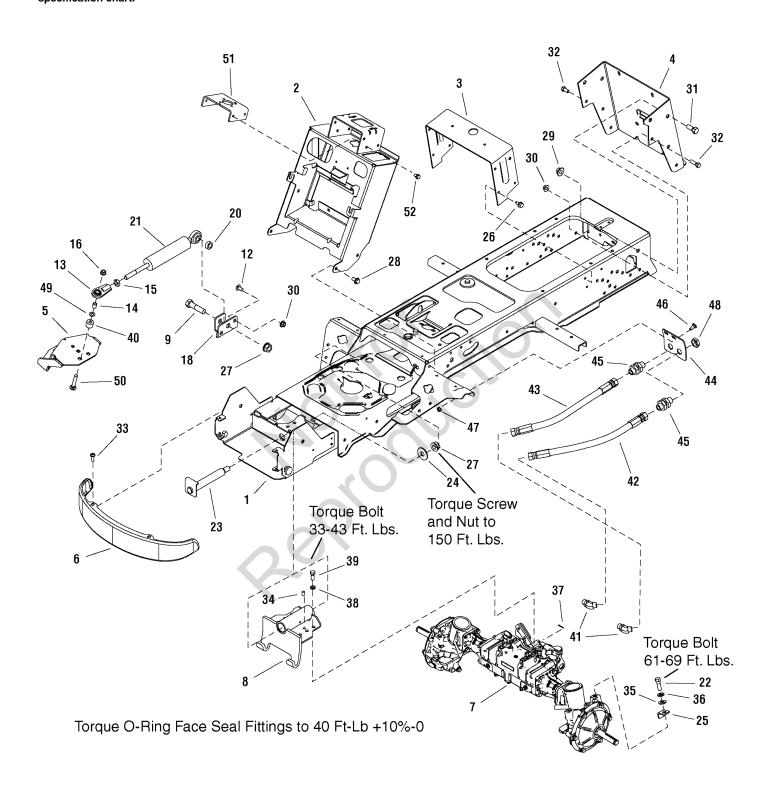
 1695390
 50" Mower Deck

 1695266
 54" Mower Deck

**Part No.:** 1735721 **Rev.** 01/2009

TP 400-4802-C-PR-S

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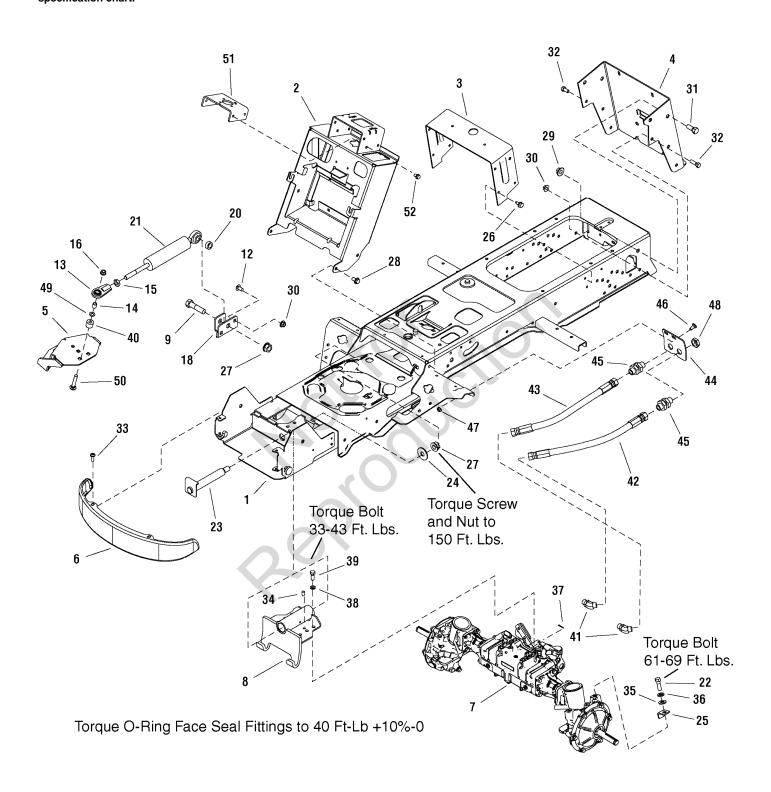
The above parts group applies to the following Mfg. Nos.:

#### Frame & Front Axle Group - 4WD

Frame & Front Axie Group - 4WD				
<b>REF NO</b>	PART NO.	QTY.	DESCRIPTION	
1	1734731ASM	1	FRAME ASSEMBLY, Front & Rear 4WD	
2	1733139ASM	1	TOWER & SUPPORT ASSEMBLY	
3	1723528ASM	1	SUPPORT, Seat Deck	
4	1722602ASM	1	BACKPLATE, Hitch	
5	1733918ASM	1	BRACKET ASSEMBLY, Steering 4WD	
6	1721805ASM	1	BUMPER, 4GA	
7	1733480SM	1	AXLE ASSEMBLY, Front	
8	1734241ASM	1	PIVOT ASSEMBLY, Axle w/Bushings	
9	1960755SM	1	CAPSCREW, Hex Head, 5/8-11 x 2-1/2 G5	
12	1931348SM	2	CARRIAGE BOLT, 3/9-16 x 3/4 G5	
13	1702779SM	1	JOINT, Ball 1/2-20	
14	1708236SM	1	SPACER	
15	1919262SM	1	NUT, Hex Jam, 1/2-20	
16	1930645SM	1	NUT, Hex Flange, 3/8-16 Two-Way Lock	
18	1733166ASM	1	BRACKET, Cylinder Mounting	
20	2172914SM	1	SPACER	
21	1733759SM	1	CYLINDER, Hydraulic Steering	
22	197487SM	3	CAPSCREW, Hex Head, M12-1-3/4 x 35	
23	1733863SM	1	SHAFT & BRACKET ASSEMBLY, Axle Pivot	
24	1960035SM	2	WASHER, 5/8	
25	1734511ASM	1	STOP, "L" Steering	
26	1664847SM	4	SCREW, Hex Washer Head Taptite, 5/16-18 x 3/4	
27	2860646SM	2	NUT, Hex Flange 5/8-11 Two-Way Lock	
28	1923683SM	4	SCREW, Hex Washer head, Taptite, 3/8-16 x 3/4	
29	2860668SM	2	NUT, Hex Flange 1/2-13 Whiz Lock	
30	1928352SM	4	NUT, Hex Flange 3/8-16 Whiz Lock	
31	1923114SM	2	CAPSCREW, Hex Head 1/2-13 x 1 G5	
32	1921210SM	2	CAPSCREW, Hex Head 3/8-16 x 1 G5	
33	1960086SM	4	SCREW, Truss Head Torx Drive 5/16-18 x 7/8	
34	1733581SM	2	PIN, Dowel	
35	1960170SM	3	WASHER, 1/2	
36	1916966SM	3	LOCKWASHER, Spring	
37	1923360SM	1	PIN, Cotter	
38	1960754SM	6	LOCKWASHER, Spring	
39	1950036SM	6	CAPSCREW, Hex Head	
40	1667812SM	1	SPACER, Powdered Metal	
41	1733403SM	2	FITTING, Hose Elbow, 45 Degrees, 13/16-16 x 3/4-16	
42	1733400SM	1	HOSE ASSEMBLY, Hydraulic	
43	1737063SM	1	HOSE ASSEMBLY, Hydraulic	
44	1733501ASM	1	BRACKET, Hose Mounting 10GA	
45	1733402SM	2	FITTING, Bulkhead Union 13/16-16	
46	1931333SM	2	CARRIAGE BOLT, 5/16-18 x 3/4 G5	
47	1960636SM	2	NUT, Hex KEPS, 5/16-18	

#### **Footnotes**

The above parts group applies to the following Mfg. Nos.:



The above parts group applies to the following Mfg. Nos.:

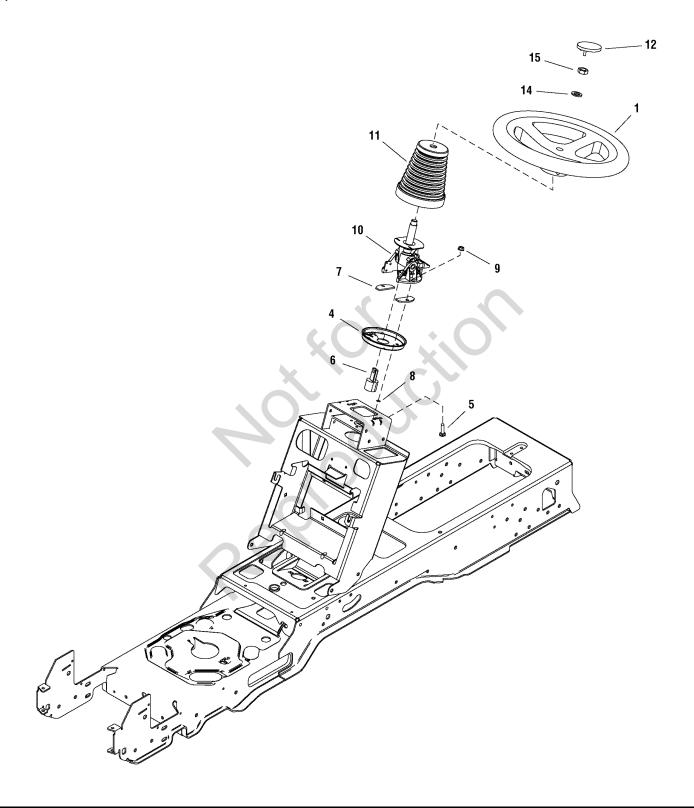
#### Frame & Front Axle Group - 4WD

REF NO	PART NO.	QTY.	DESCRIPTION
48	1733947SM	2	NUT, Jam 13/16-16
49	1960103SM	1	WASHER, 3/8
50	1931355SM	1	CARRIAGE BOLT, 3/8-16 x 2-1/4 G5
51	1733044ASM	1	SUPPORT, Steering Unit 7GA
52	1924856SM	4	SCREW, Hex Washer Head Taptite 5/16-18 x 1/2



#### **Footnotes**

The above parts group applies to the following Mfg. Nos.:



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#### Steering Group - Tilt Steering

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<b>REF NO</b>	PART NO.	QTY.	DESCRIPTION
1	1733363SM	1	STEERING WHEEL
4	1724685ASM	1	PLATE, Steering Mounting
5	1960655SM	2	CARRIAGE BOLT, 5/16-18 x 1-1/4 G5
6	1725294SM	1	ADAPTER, Tilt
7	1723898SM	2	SPACER
8	1933988SM	2	NUT, Push Pal
9	1960636SM	2	NUT, Hex Keps 5/16-18
10	1734002SM	1	STEERING UNIT, Tilt
11	1724368SM	1	BELLOWS, Tilt Steering Unit w/Slot
12	1725024SM	1	CAP, Steering Wheel
13	1716518SM	2	DECAL, Power Steering (Not Shown)
15	1960576SM	1	NUT, Hex Lock ESNA Light 5/8-18

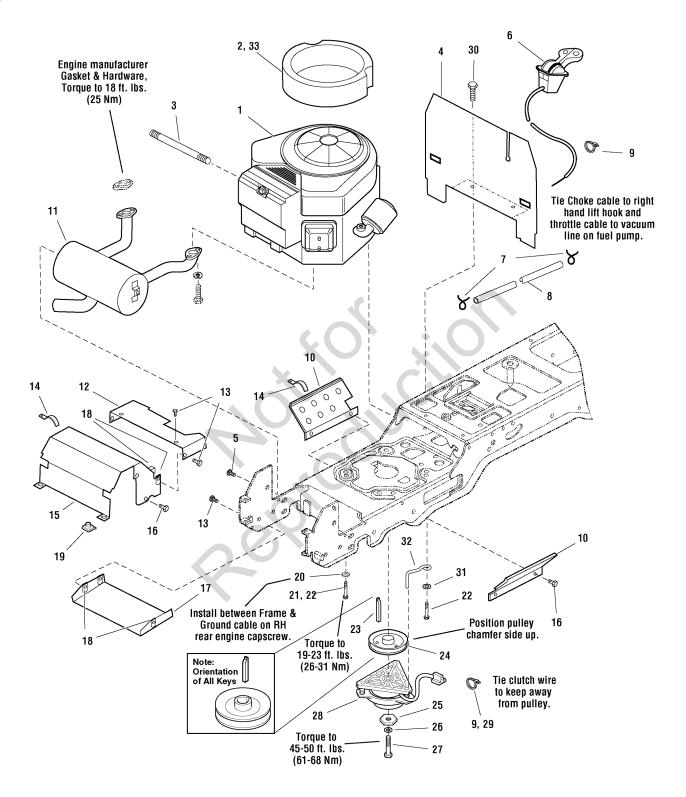


#### **Footnotes**

The above parts group applies to the following Mfg. Nos.:

985906

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.



The above parts group applies to the following Mfg. Nos.:

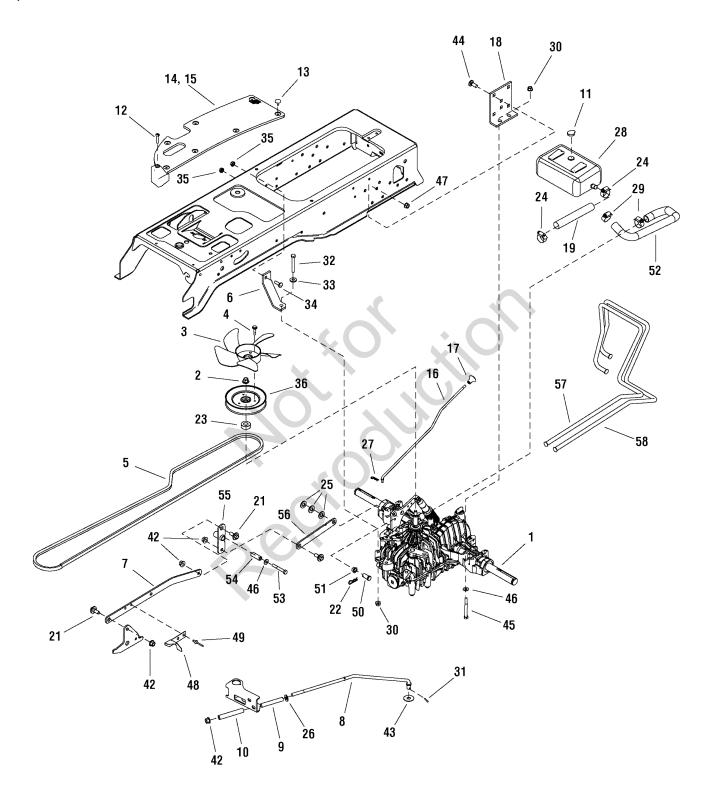
#### Engine & Electric Clutch Group - 23HP, 25HP & 27HP Kohler

			proprieta	
	PART NO.	QTY.		
1	*	1	ENGINE, 23HP Kohler Command - Model CV23S Spec PS-75553	
1	*	1	ENGINE, 25HP Kohler Courage Twin - Model SV730S Spec PS-SV730-0020	
1	*	1	ENGINE, 25HP Kohler Command Twin - Model CV730S	
1	*	1	ENGINE, 27HP Kohler Command Twin - Model CV740S Spec PS-CV740-0040	
2	1719847SM	1	SEAL, Foam (Only used on 23HP Models)	
3	1723165SM	1	HOSE, Oil Drain	
4	1722388ASM	1	BULKHEAD	
5	1924856SM	2	SCREW, Hex Washer Head Taptite 5/16-18 x 1/2	
6	1727223SM	1	CONTROL, Throttle Double 39.0 LG w/Knobs (Used on all models except 25HP Kohler Courage)	
6	1727375SM	1	THROTTLE, Control Double 51.0 LG w/Knobs (Only used on 25HP Kohler Courage)	
7	2860112SM	1	CLAMP, Hose	
8	1718678SM	1	HOSE, Fuel	
9	1701011SM	3	TIE, Self Locking	
10	1722392ASM	2	SHIELD, Side	
11	1721705SM	1	MUFFLER, Kohler Twin	
12	1722390ASM	1	DUCT, Muffler (Used on all models except 25HP Kohler Courage)	
12	1733884ASM	1	DUCT, Muffler (Only used on 25HP Kohler Courage)	
13	1960295SM	4	SCREW, Hex Whiz Lock Flange 1/4-20 x 5/8	
14	2834683SM	2	CLIP, Speed Wire	
15	1722389ASM	1	DUCT, Muffler Top	
16	1927428SM	8	SCREW, Hex Washer Head Taptite 1/4-20 x 3/8	
17	1722414ASM	1	SHIELD, Muffler	
18	1960368SM	4/8	NUT, Speed 1/4-20 Lug Type	
19	1935255SM	2	NUT, Speed 5/16-18 Lug Type	
20	2820427SM	1	LOCKWASHER, External Tooth 3/8	
21	2827187SM	3/4	SCREW, Hex Washer Head Taptite 3/8-16 x 1 (Used only on 25HP Courage & 27HP Command)	
22	2830598SM	1/4	SCREW, Hex Washer Head Taptite 3/8-16 x 1-1/2 (Used on all models except 27HP)	
23	1720463SM	1	KEY, Hi-Pro	
24	1722288SM	1	PULLEY & HUB ASMY	
25	1708264SM	1	WASHER, Hex	
26	1918199SM	1	LOCKWASHER, Spring	
27	1960649SM	1	CAPSCREW, Hex Head 7/16-20 x 3-1/2 G5	
28	1686883SM	1	CLUTCH, Electric	
29	2832747SM	1	TIE, Self Locking (Used only on 23HP models)	
30	1925003SM	2	SCREW, Hex Washer Head Taptite 1/4-20 x 1/2	
31	1924940SM	1	WASHER, 3/8 (Used on all models except 23HP)	
32	1732026SM	1	RETAINER, Clutch (Used on all models except 23HP)	
33	1734166SM	1	EDGING, Rubber (Used on all models except 23HP)	

#### **Footnotes**

Note \* See your local Kohler distributor for parts and service.

The above parts group applies to the following Mfg. Nos.:



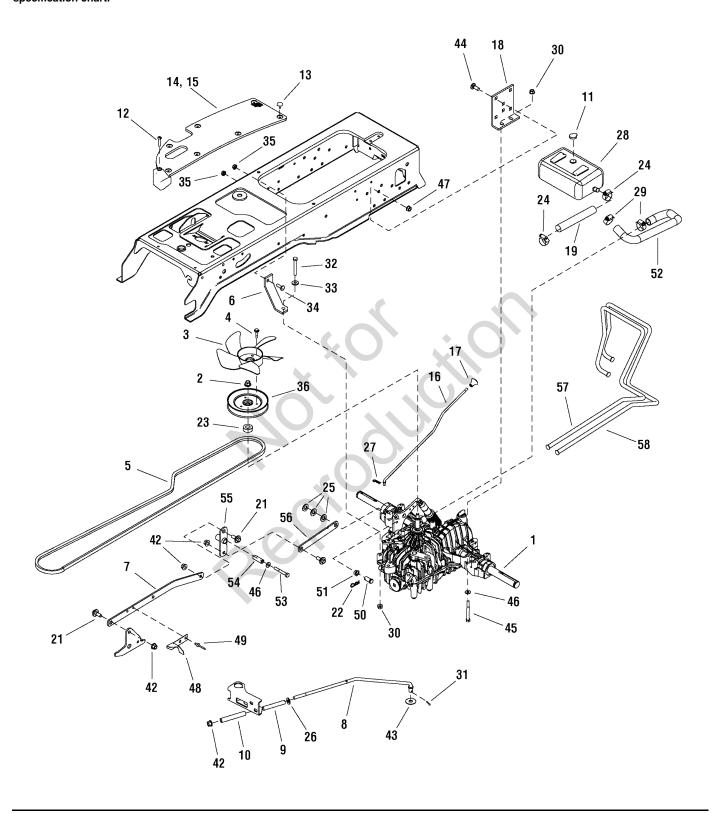
The above parts group applies to the following Mfg. Nos.:

#### Transmission Group

<b>REF NO</b>	PART NO.	QTY.	DESCRIPTION			
1	1733478SM	1	TRANSMISSION ASSEMBLY, K664			
2	1722194SM	1	PULLEY & HUB ASSEMBLY			
3	1719233SM	1	FAN			
4	1933958SM	3	SCREW, Hex Washer Head, Taptite, 1/4-20 x 1-1/4			
5	1721392SM	1	BELT, 94.05			
6	1721593ASM	1	STRAP, 4-1/4 Long			
7	1733318ASM	1	ARM, Control 7GA			
8	1721424SM	1	ROD, 17-27/64 Long			
9	1722684SM	1	SPRING, Compression			
10	1729277SM	1	SPRING, Compression			
11	1722711SM	1	CAP, Expansion			
12	1960676SM	2	SCREW, Pan Head Torx, 1/4-20 x 1-1/4 Taptite			
13	1704351SM	15	FASTENER, Panel			
14	1722174SM	1	PAD, Footrest L.H.			
15	1722173SM	1	PAD, Footrest R.H.			
16	1721622SM	1	ROD, Free Wheel			
17	1723126SM	1	KNOB, Interior Thread			
18	1721728ASM	2	SUPPORT, Transmission			
19	1733531SM	1	HOSE, Hydraulic			
21	1732129SM	3	BOLT, Shoulder, 3/8-16			
22	1960074SM	1	CLIP, Hair Pin			
23	1734337SM	1	SPACER			
24	2860266SM	1	CLAMP, Hose Worm			
25	1960027SM	3	WASHER, 1/2			
26	1924940SM	1	WASHER, 3/8			
27	1722460SM	1	PIN, Quick			
28	1732989SM	1	TANK, Oil Natural			
29	1723214SM	2	CLAMP, Hose Worm			
30	1960686SM	6	NUT, Hex Flange 5/16-18 ESNA			
31	1918447SM	1	COTTER PIN			
32	1921719SM	1	CAPSCREW, Hex Head 5/16-18 x 2-1/2 G5			
33	1960141SM	1	WASHER, 5/16			
34	1931335SM	1	CARRIAGE BOLT, 5/16-18 x 1 G5			
35	1960636SM	2	NUT, Hex KEPS 5/16-18			
36	1719968SM	1	NUT, Hex Flange			
42	1960687SM	4	NUT, Hex Flange 3/8-16 ESNA			
43	1918267SM	1	WASHER, 7/16			
44	1931350SM	6	CARRIAGE BOLT, 3/8-16 x 1 G5			
45	1960590SM	4	CAPSCREW, Hex Head 5/16-18 x 3 G5			
46	1919326SM	3	WASHER, 5/16			
47	1960637SM	6	NUT, Hex Keps 3/8-16			
48	1727215ASM	1	ACTUATOR, Switch			
49	1960241SM	2	POP RIVET			

#### **Footnotes**

The above parts group applies to the following Mfg. Nos.:



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#### **Transmission Group**

	•		
REF NO	PART NO.	QTY.	DESCRIPTION
50	1724107SM	1	PIN, Clevis
51	1722648SM	1	BEARING
52	1722468SM	1	HOSE, Hydraulic
53	1921160SM	1	CAPSCREW, Hex Head, 5/16-18 x 2-1/4 G5
54	1713588SM	1	SPACER
55	1733320ASM	1	PIVOT ASSEMBLY, Control
56	1733525ASM	1	ARM, Control
57	1733483SM	1	TUBE, Hydraulic 4WD
58	1733484SM	1	TUBE, Hydraulic Rear

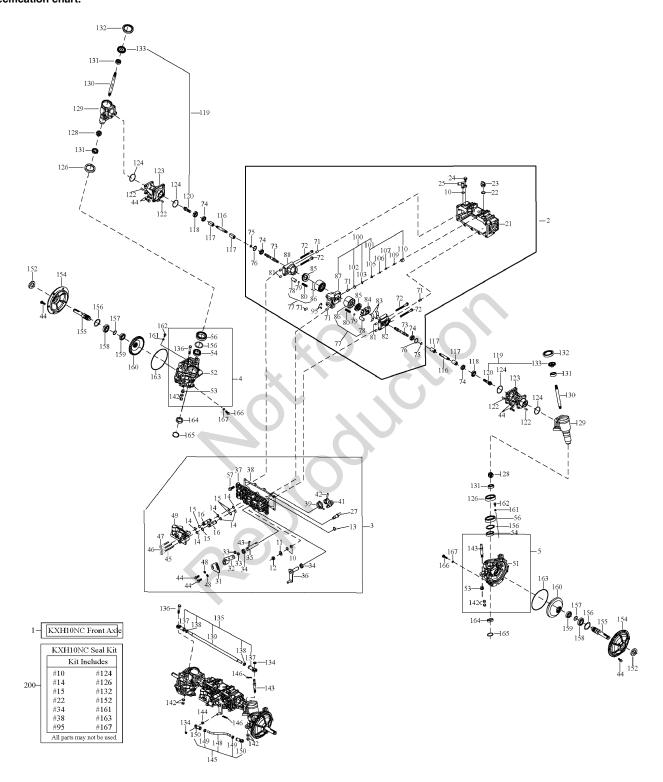


#### **Footnotes**

The above parts group applies to the following Mfg. Nos.:

1733480

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.



The above parts group applies to the following Mfg. Nos.:

2690735 - Prestige

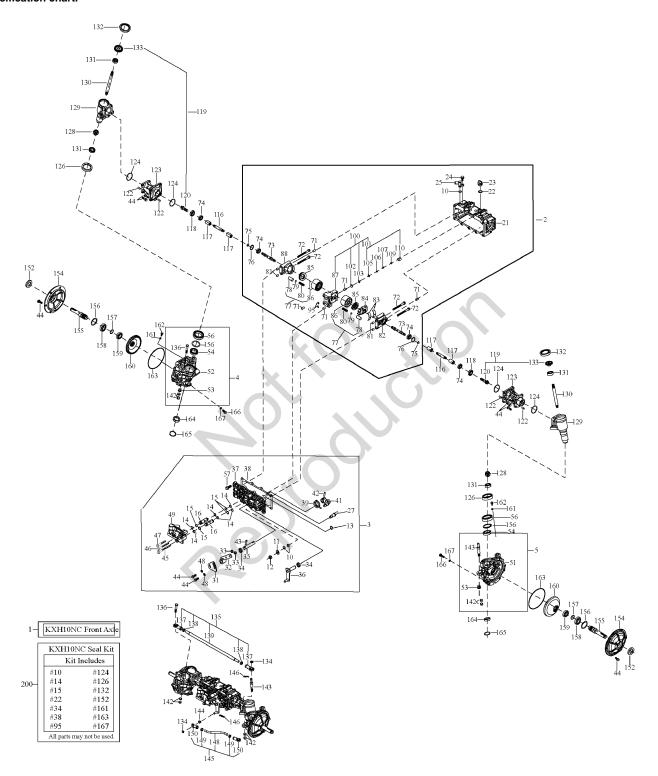
#### Transaxle SERVICE PARTS - Tuff Torq KXH10NC

Transaxle SERVICE PARTS - Tuff Torq KXH10NC			
REF NO	PART NO.	QTY.	DESCRIPTION
1	1733480SM	1	FRONT AXLE
2	*	1	MOTOR KIT 10CC
3	*	1	MOTOR COVER, Complete
4	*	1	FRONT GEAR BOX, Left, Complate
5	*	1	FRONT GEAR BOX, Right, Complete
10	1707879SM	1	O-RING 1A P14
11	1708689SM	1	WASHER 12
12	1708692SM	1	NUT 12
13	1707912SM	1	SNAP RING
14	1735417SM	1	PACKING P 14.0
15	1735418SM	1	BACK-UP RING
16	*	1	JOINT PIPE
21	*	1	FRONT AXLE CASE
22	1707786SM	1	O-RING P18
23	1735419SM	1	OIL CAP 20
24	1724695SM	1	BOLT 8 x 20
25	1735420SM	1	ELBOW
27	*	1	FULCRUM
31	*	1	ADJUST PLATE
32	*	1	CONTROL LEVER
33	1707898SM	1	NUT 8
34	*	1	SEAL TC 162607
35	*	1	CONTROL SHAFT
36	*	1	CAM LEVER
37	*	1	MOTOR COVER
38	1735421SM	1	GASKET COVER
39	*	1	RETURN SPRING
41	*	1	CONTROL ARM
42	1718097SM	1	SPRING PIN 6 x 25
43	*	1	SPRING PIN 6 x32
44	1720867SM	1	BOLT 8 x 25
45	*	1	BOLT 8 x 100
46	*	1	BOLT 8 x 85
47	*	1	BOLT 8 x 65
48	1707896SM	1	WASHER 8
49	*	1	CONNECTING BLOCK
53	*	1	BUSH 12 x 15 x 11.5
54	*	1	BEARING 6906 C3
56	*	1	BEARING 6908 C3
57	*	1	BOLT 10 x 30
71	*	1	PIN 10 x 18
72	1726291SM	1	BOLT 8 x 90
73	*	1	MOTOR SHAFT 10CC

#### **Footnotes**

Note\* See your local authorized Tuff Torq dealership for parts and warranty or visit TuffTorqServices.com.

The above parts group applies to the following Mfg. Nos.:



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2690735 - Prestige

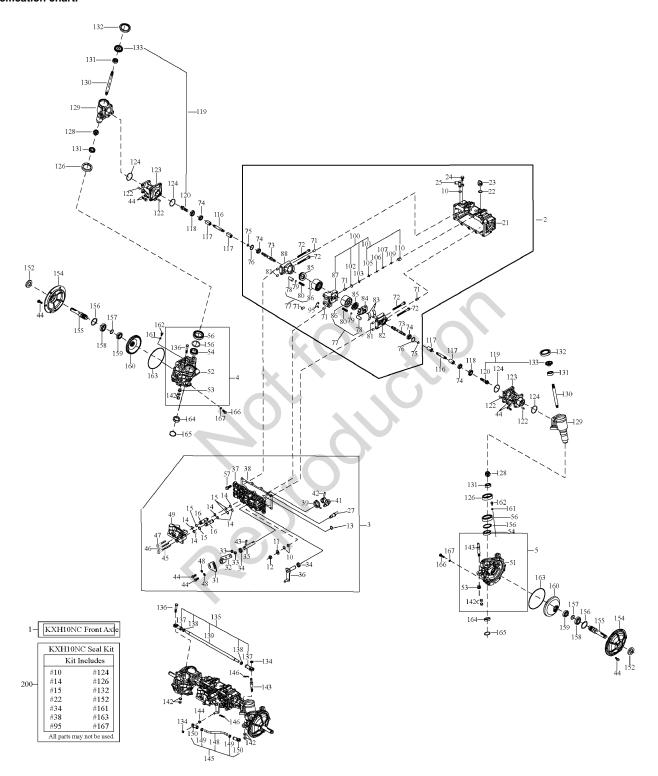
#### Transaxle SERVICE PARTS - Tuff Torq KXH10NC

Transaxie SERVICE PARTS - Tuff Torq KXHTUNC				
REF NO	PART NO.	QTY.	DESCRIPTION	
74	*	1	BEARING 6001 C3	
75	*	1	SNAP RING 12	
76	*	1	RING 28	
77	1718079SM	1	CYLINDER BLOCK KIT	
81	*	1	PIN 10 x 13	
82	*	1	SWASH SUPPORT RIGHT	
83	1718089SM	1	THRUST METAL	
84	*	1	SWASH PLATE	
85	1718078SM	1	THRUST BEARING 51106	
88	*	1	SWASH SUPPORT LEFT	
95	*	1	PACKING S 10.0	
100	*	1	CENTER CASE 10CC CMP	
101	*	1	CHECK VALVE CMP	
102	*	1	COLLAR	
103	1726116SM	1	SCREEN	
116	*	1	JOINT SHAFT N	
117	*	1	SPLINE COLLAR B	
118	*	1	BEARING 6002 C3	
119	*	1	BEVEL GEAR KIT	
122	1720848SM	1	PIN 8 x 16	
123	*	1	AXLE FLANGE	
124	1735422SM	1	PACKING G 45.0	
126	*	1	SEAL TC466411	
128	*	1	FINAL PINION GEAR (9T)	
129	*	1	FRONT GEAR CASE	
130	*	1	SHAFT FRONT 2ND	
131	1735423SM	1	BEARING 6003 C3	
132	1735424SM	1	SEAL CAP 56	
134	1714658SM	1	WASHER 10	
135	1735425SM	1	TIE ROD COMPLETE N	
136	*	1	TIE ROD PIN LEFT	
142	*	1	NUT 10	
143	*	1	TIE ROD PIN RIGHT	
144	*	1	BUSHING 10	
145	1735426SM	1	STEERING ROD COMPLETE N	
146	*	1	SNAP PIN 10	
152	1735427SM	1	SEAL TC254708	
154	*	1	FRONT BEARING COVER	
155	*	1	FRONT AXLE SHAFT	
156	1735428SM	1	RING 47	
157	1735429SM	1	RING 24	
158	1735430SM	1	BEARING 6005 C3	
159	*	1	BEARING 6004 C3	
160	*	1	FINAL FEAR (51T)	

#### **Footnotes**

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2690735 - Prestige

#### Transaxle SERVICE PARTS - Tuff Torq KXH10NC

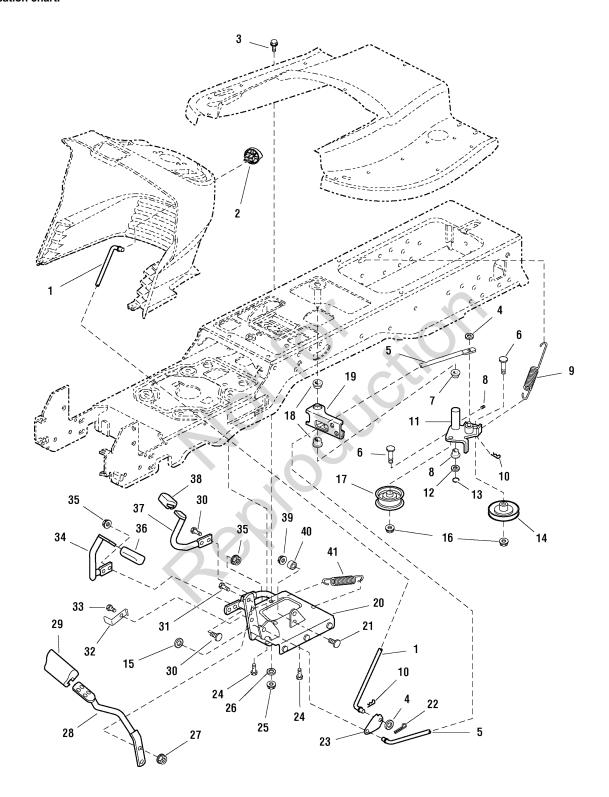
REF NO	PART NO.	QTY.	DESCRIPTION
161	*	1	WASHER SEAL 6
162	*	1	BOLT 6 x 12
163	1735431SM	1	PACKING G140.0
164	1726183SM	1	COLLAR 30*38*4
165	*	1	RING 30
166	*	1	BOLT 8 x 16
167	1724323	1	SEAL WASHER 8
200	*	1	SEAL KIT



#### **Footnotes**

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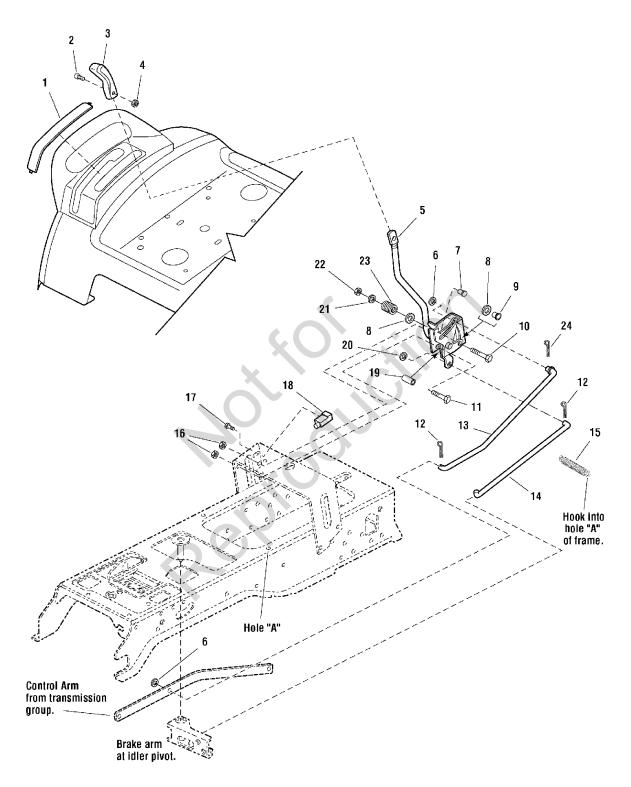
The above parts group applies to the following Mfg. Nos.:

#### **Controls Group**

Controls Group						
REF NO	PART NO.	QTY.	DESCRIPTION			
1	1721353SM	1	ROD, Brake Lock			
2	1721891SM	1	KNOB, Push On, Red Plastic "P"			
3	1930591SM	1	CAPSCREW, Hex Flange Whiz Lock, 5/16-18 x 3/4			
4	1919326SM	2	WASHER, 5/16, Black			
5	1721476SM	1	ROD, Brake			
6	1931353SM	2	ARRIAGE BOLT, 3/8-16 x 1 3/4			
7	1663114SM	2	BUSHING, 5/8 x 3/4 x 3/4, Nylon			
8	2821133SM	1	FITTING, Lube, 1/4			
9	1725250SM	1	SPRING, Extension			
10	1722460SM	3	PIN, Quick			
11	1724917SM	1	ARM & HUB ASSEMBLY, Idler			
12	1960020SM	1	WASHER, 5/8			
13	1704420SM	1	RING, Clipring Extension			
14	1721134SM	1	PULLEY, w/Bearing			
15	1924940SM	1	WASHER, 3/8			
16	1960687SM	2	NUT, Hex Flange ESNA, 3/8-16			
17	1721133SM	1	PULLEY, Idler			
18	1723237SM	2	BUSHING, 1 x 1-1/8 x 5/8, Nylon			
19	1722513SM	1	ARM, Brake			
20	1726763SM	1	PEDAL ASSEMBLY, Foot			
21	1931320SM	1	CARRIAGE BOLT, 1/4-20 x 1-1/4			
22	1918447SM	1	PIN, Cotter, Black			
23	1721354ASM	1	LATCH, Brake			
24	1664847SM	3	CAPSCREW, Hex Washer Head Taptite, 5/16-18 x 3/4			
25	1919438SM	1	NUT, Hex Lock ESNA Light, 5/16-18			
26	1919381SM	1	WASHER, 5/16, Black			
27	1927557SM	2	NUT, Hex Flange Whiz Lock Large, 5/16-18			
28	1722535ASM	1	PEDAL, Brake			
29	1721577SM	1	PAD, Brake Pedal			
30	1931334SM	4	CARRIAGE BOLT, 5/16-18 x 7/8			
31	1921333SM	2	CAPSCREW, 5/16-18 x 1			
32	1722083ASM	1	ACTUATOR, Switch 2.53" Long			
33	1923683SM	1	CAPSCREW, Hex Washer Head Taptite, 3/8-16 x 3/4			
34	1722070ASM	1	PEDAL, Forward			
35	1960636SM	4	NUT, Hex KEPS, 5/16-18			
36	1721675SM	1	PAD, Foot Pedal Forward			
37	1722071ASM	1	PEDAL, Reverse			
38	1721674SM	1	PAD, Foot Pedal Reverse			
39	1920397SM	1	NUT, Hex Lock ESNA Light, 1/4-20			
40	1686612SM	1	CAM, Roller			
41	1721995SM	1	SPRING, Extension			

#### **Footnotes**

The above parts group applies to the following Mfg. Nos.:



The above parts group applies to the following Mfg. Nos.:

#### **Cruise Control Group**

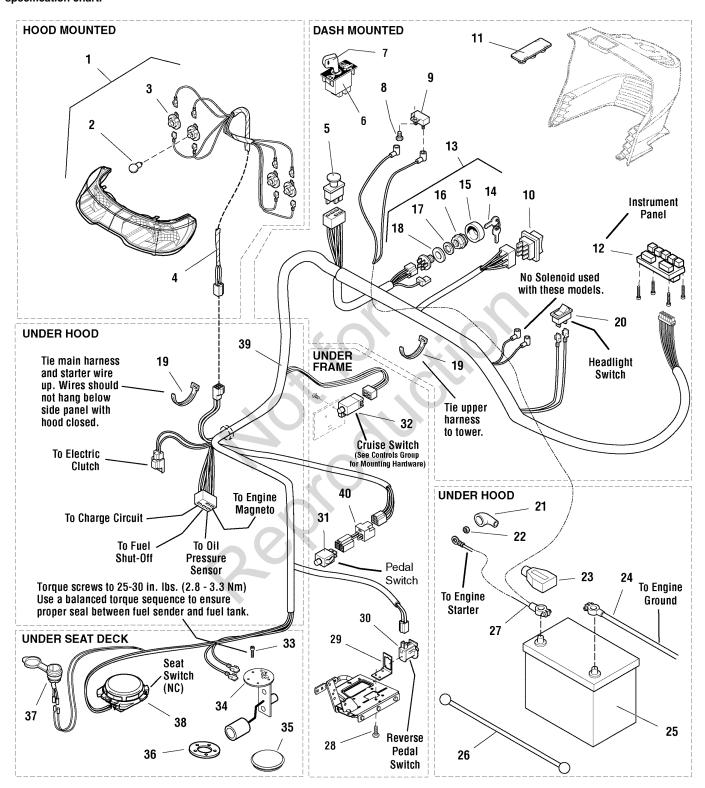
Cruise Control Group				
REF NO	PART NO.	QTY.	DESCRIPTION	
1	1722314SM	1	COVER, w/Cruise Icon	
2	1960666SM	1	SCREW, Torque Head Plus Socket Head, 1/4-20 x 7/8	
3	1722303SM	1	KNOB, Cruise	
4	1920397SM	1	NUT, Hex Lock ESNA Light, 1/4-20	
5	1722003SM	1	LEVER & BRACKET ASSEMBLY, Cruise	
6	1960103SM	2	WASHER, 3/8, Black	
7	1931333SM	1	CARRIAGE BOLT, 5/16-18 x 3/4	
8	1924361SM	2	WASHER, 1/2	
9	1709043SM	1	SPACER, w/Flange, 11/32 x 15/32 x 3/4	
10	1931342SM	1	CARRIAGE BOLT, 5/16-18 x 2-3/4	
11	1960273SM	1	CARRIAGE BOLT, 5/16-18 x 2-1/4	
12	1722460SM	2	PIN, Quick	
13	1722117SM	1	ROD, Cruise	
14	1733719SM	1	ROD, Return	
15	2159106SM	1	SPRING, Cruise Return to Frame	
16	1960636SM	2	NUT, Hex KEPS, 5/16-18	
17	1960001SM	2	CAPSCREW, Hex Washer Head Plastite, 10-14 x 5/8	
18	1717050SM	1	SWITCH, Push, Neutral Start, Gray	
19	1722080SM	1	SPACER, 11/32 x 5/8 x 1-13/32	
20	1919326SM	1	WASHER, 5/16, Black	
21	1919381SM	1	WASHER, 5/16, Black	
22	1919438SM	1	NUT, Hex Lock ESNA Light, 5/16-18	
23	1677746SM	1	SPRING, Compression	
24	1918447SM	1	PIN, Cotter	

#### **Footnotes**

The above parts group applies to the following Mfg. Nos.:

986606

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.



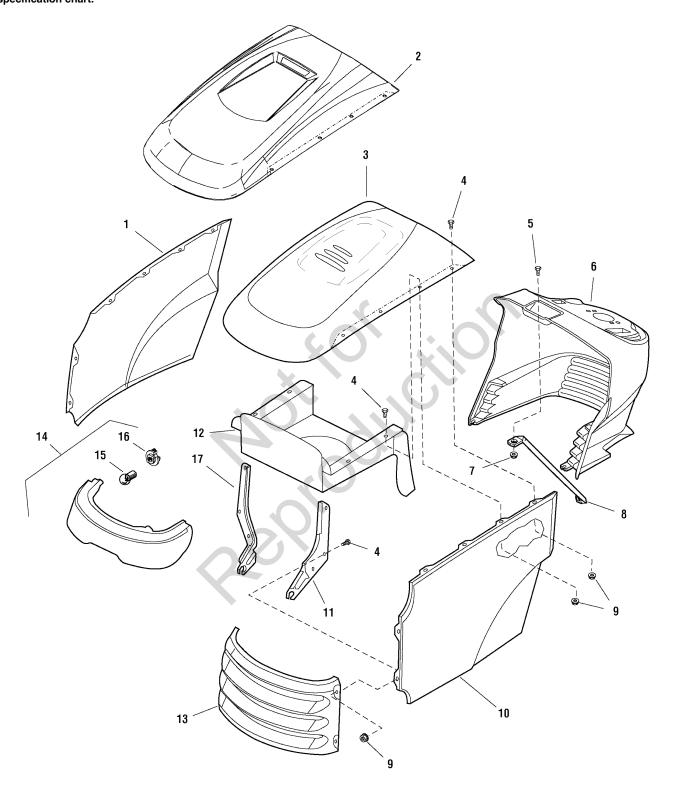
The above parts group applies to the following Mfg. Nos.:

#### **Electrical Group**

Electrical Group			
REF NO	PART NO.	QTY.	DESCRIPTION
1	1721810SM	1	HEADLIGHT ASSEMBLY, 4 Bulb (Includes Ref. Nos. 2 & 3)
2	1677371SM	4	BULB, Headlight, 12.8V
3	1723451SM	4	SOCKET ASSEMBLY, Headlight, Sealed
4	1722669SM	1	HARNESS, Headlight
5	1722887SM	1	SWITCH, PTO Push
6	1726556SM	1	SWITCH, Reverse Mow Option Module w/Key
7	1726557SM	1	KEY, No Mow Module
8	1925003SM	2	SCREW, Hex Washer Head Taptite 1/4-20 x 1/2
9	1665238SM	1	BREAKER, Circuit
10	1716329SM	1	SWITCH, Electric Lift Rocky (Used only on Electric HOC Models)
11	1722611SM	1	PLUG, Hole
12	1725074SM	1	PANEL, Instrument w/Fuel Gage
13	1686734SM	1	SWITCH ASSEMBLY, Ignition
14	1717163SM	1	KEY, Ignition
15	1717550SM	1	COVER, Switch
16	1717549SM	1	NUT, Hex Flange 5/8-32 Ignition Switch Die Cast
17	1960547SM	1	LOCKWASHER, Interal Tooth 5/8
18	2101025SM	1	WASHER, 5/8
19	1701011SM	5	TIE, Self Locking
20	1716951SM	1	SWITCH, Headlight
21	1724588SM	1	COVER, Terminal Red
22	2860433SM	1	NUT, Hex Flange
23	1713534SM	1	INSULATOR, Battery
24	1716333SM	1	CABLE
25	1686714SM	1	BATTERY, 12 Volt, 6 Cell, 500 Amps CCA
26	1722009SM	1	STRAP
27	1717001SM	1	CABLE
28	1929000SM	1	SCREW, Hex Washer Head Taptite, 1/4-20 x 3/8
29	1726810ASM	1	BRACKET, Switch Mounting
30	1732004SM	1	SWITCH, Push Button, Reverse Pedal
31	1732006SM	1	SWITCH, Push Button, Foot Pedal
32	1717050SM	1	SWITCH, Cruise Control
33	2860665SM	5	SCREW, Pan Head Torx #10-32 x 1/2
34	1686921SM	1	SENDER, Fuel Tank
35	1722309SM	1	PLUG, Hole
36	1685303SM	1	GASKET
37	1725302SM	1	POWER OUTLET, 12 Volt
38	1718981SM	1	SWITCH, Operator Present, Seat
39	1730192SM	1	HARNESS, Wiring w/12 Volt
39	1733220SM	1	HARNESS, Wiring w/12 Volt & Electric HOC
40	1734025SM	1	WIRING ASSEMBLY, All Conditions Shutdown (CE/Export)

#### **Footnotes**

The above parts group applies to the following Mfg. Nos.:

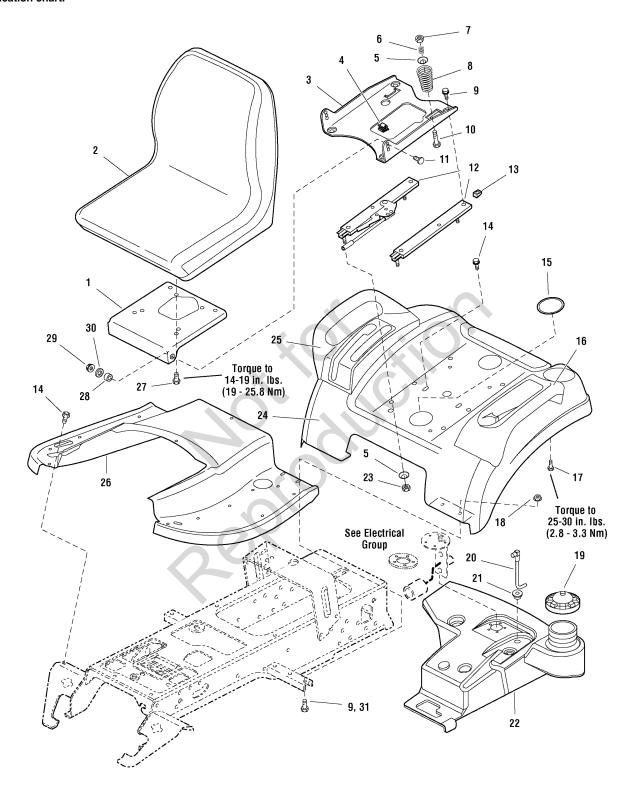


The above parts group applies to the following Mfg. Nos.:

#### Hood, Grille & Dash Group

rioca, armo a baon arcap				
REF NO	PART NO.	QTY.	DESCRIPTION	
1	1721804CSM	1	PANEL, RH Side	
1	1721804DSM	1	PANEL, RH Side, Red	
2	1728031DSM	1	HOOD, with Scoop, Red	
3	1722110CSM	1	HOOD, with Louvers	
4	1960295SM	12	CAPSCREW, Hex Head Flange Lock,1/4-20 x 5/8	
5	1960392SM	1	SCREW, Phillips Head, #10-24 x 1/2	
6	1687054SM	1	DASHBOARD, RMO, Black	
6	1687055SM	1	DASHBOARD, RMO with Hydra Lift Slot, Black	
7	1933896SM	1	NUT, Hex Nylock,#10-24	
8	1723123SM	1	ROD, Dash Support	
9	1930641SM	12	NUT, Hex Flange Lock, 1/4-20	
10	1721803CSM	1	PANEL, LH Side	
10	1721803DSM	1	PANEL, LH Side, Red	
11	1721808ASM	1	HINGE, LH	
12	1733457ASM	1	DUCT, Air Inlet	
13	1721802CSM	1	GRILLE	
13	1721802DSM	1	GRILLE, Red	
14	1721810SM	1	HEADLIGHT ASSEMBLY (Includes Ref. Nos. 15 & 16)	
15	1677371SM	4	BULB, Headlight	
16	1723451SM	4	SOCKET, Headlight	
17	1721809ASM	1	HINGE, RH	

#### **Footnotes**



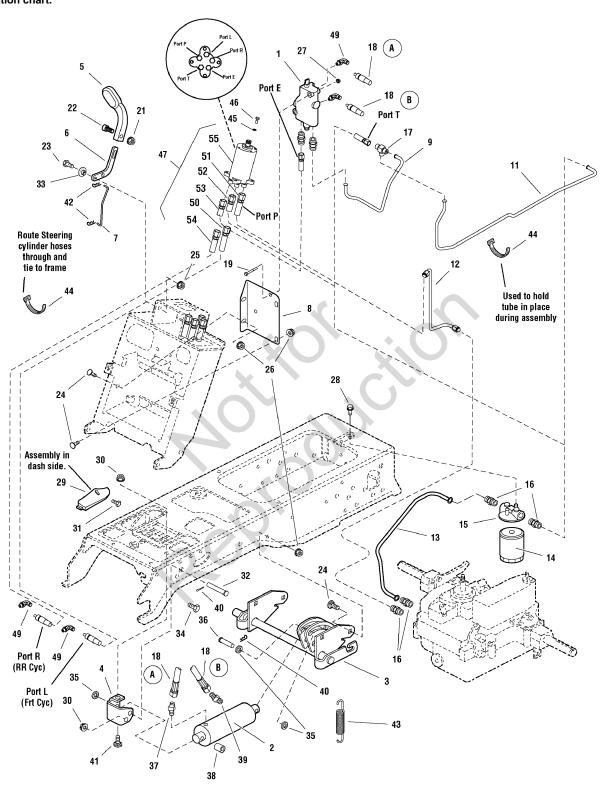
The above parts group applies to the following Mfg. Nos.:

#### Seat & Seat Deck Group

Seal & Seal Deck Group			
REF NO	PART NO.	QTY.	DESCRIPTION
1	1722129ASM	1	BRACKET, 1-5/8 x 1-3/4
2	1687199SM	1	SEAT, 18" Back
3	1722128ASM	1	SUPPORT, Seat
4	2172434SM	1	CLIP, Wire
5	1709256SM	2	WASHER, Spring, 5/16 x 1-1/4
6	1714263SM	2	SPRING, Compression
7	1919438SM	10	NUT, Hex Lock, ESNA Light, 5/16-18
8	1717051SM	2	SPRING, Compression
9	1930591SM	8	CAPSCREW, Hex Flange Whiz Lock, 5/16-18 x 3/4
10	1931339SM	2	CARRIAGE BOLT, 5/16-18 x 2
11	1931350SM	2	CARRIAGE BOLT, 3/8-16 x 1
12	1722356SM	1	SLIDE, Seat
13	1935255SM	4	NUT, Speed, 5/16-18, Lug Type
14	1930601SM	4	CAPSCREW, Hex Washer Head Taptite, 5/16-18 x 5/8
15	1722309SM	2	PLUG, Plastic
16	1729711SM	1	POD, with Cup Holder, LH
17	2860664SM	8	CAPSCREW, Hex Washer Head, 1/4-20 x 5/8
18	1931277SM	4	NUT, Hex Flange Whiz Lock, 5/16-18
19	1715917SM	1	CAP, Gas
20	1722340SM	1	TUBE & ELBOW ASSEMBLY
21	1654930SM	1	BUSHING, 3/8 x 9/16 x 5/8, Rubber
22	1722432SM	1	TANK, Fuel
23	1960636SM	8	NUT, Hex KEPS, 5/16-18
24	1722106CSM	1	DECK, Seat, Orange
24	1722106DSM	1	DECK, Seat, Red
25	1722108SM	1	POD, RH with 2 Slots
26	1722105CSM	1	TUNNEL, Orange
26	1722105DSM	1	TUNNEL, Red
27	1960667SM	4	SCREW, Hex Flange Whiz Lock, 5/16-18 x 1
28	1663752SM	2	SPACER, 25/64 x 5/8 x 3/16, Hardened
29	1930645SM	2	NUT, Hex Flange Two-Way Lock, 3/8-16
30	1924940SM	2	WASHER, 3/8
31	1930595SM	4	SCREW, Taptite 5/16-18 x 1-1/4

#### **Footnotes**

The above parts group applies to the following Mfg. Nos.:



The above parts group applies to the following Mfg. Nos.:

#### Lift Group - Hydraulic Lift with Power Steering

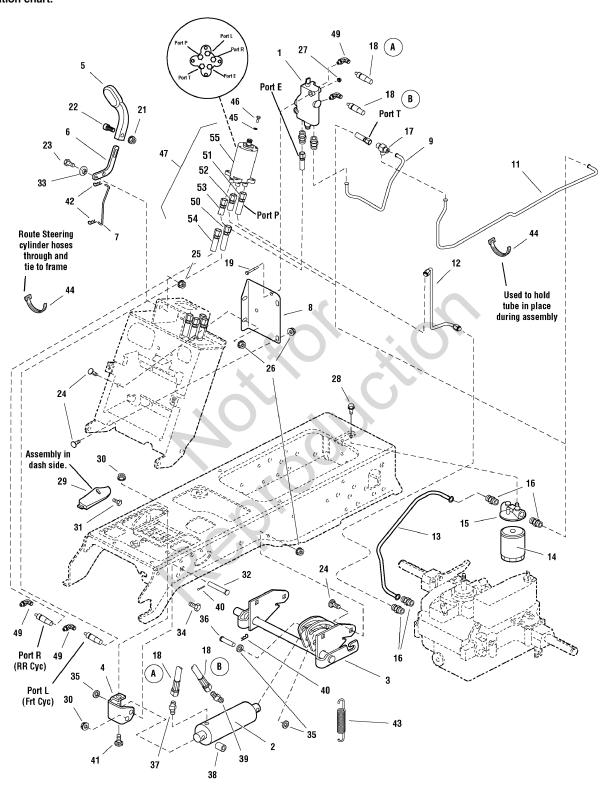
			DESCRIPTION
REF NO	PART NO.	QTY.	
1	1717558SM	1	VALVE, Control
2	1722266SM	1	CYLINDER, Hydraulic
3	1727436ASM	1	SHAFT ASSEMBLY, Lift
4	1722113ASM	1	SUPPORT, Cylinder
5	1722146SM	1	HANDLE, Lift
6	1721901SM	1	LEVER, Hydraulic
7	1727557SM	1	ROD, Curved Link
8	1721904ASM	1	SUPPORT, Control
9	1722135SM	1	TUBE, Hydraulic
11	1722138SM	1	TUBE, Hydraulic
12	1733727SM	1	TUBE, Hydraulic 3 Bends
13	1733427SM	1	TUBE, Hydraulic (Used only on 4WD Hydro Lift units)
13	1722297SM	1	TUBE, Hydraulic
14	1719168SM	1	FILTER, Oil
15	1719169SM	1	BASE, Oil Filter
16	1722123SM	4	FITTING, Straight
17	1733211SM	1	FITTING, Tee, 3 Ports / Hydraulic Hose
18	1733216SM	2	HOSE ASSEMBLY, Hydraulic
19	1921963SM	2	CAPSCREW, Hex Head, 1/4-20 x 2 G5
21	1920397SM	1	NUT, Hex Lock ESNA Light 1/4-20
22	1960666SM	1	SCREW, Torx Plus Socket Head 1/4-20 x 7/8
23	1921333SM	1	CAPSCREW, Hex Head 5/16-18 x 1 G5
24	1931333SM	8	CARRIAGE BOLT, 5/16-18 x 3/4 G5
25	1919438SM	1	NUT, Hex Lock ESNA Light 5/16-18
26	1960636SM	8	NUT, Hex KEPS 5/16-18
27	2828372SM	2	NUT, Hex KEPS 1/4-20
28	1931646SM	2	SCREW, Hex Whiz Lock Flange, 1/4-20 x 1/2
29	1722285SM	1	COVER, Dash ABS (SEE NARRATIVE)
30	1960637SM	2	NUT, Hex KEPS 3/8-16
31	1722607SM	1	SCREW, Pan Head Torque, #8-16 x 1/2, Plastite
32	1722147SM	1	PIN, Clevis
33	1723244SM	1	SPACER, Hydraulic Lift Pivot
34	1921210SM	1	CAPSCREW, Hex Head 3/8-16 x 1 G5
35	1960027SM	3	WASHER, 1/2
36	1722819SM	1	PIN, Flat Head Drilled
37	1722122SM	1	FITTING, Elbow 1/2
38	1722148SM	1	SPACER
39	1722141SM	1	FITTING, Elbow 1/2
40	1960033SM	2	CLIP, Hair Pin
41	1931350SM	1	CARRIAGE BOLT, 3/8-16 x 1 G5
42	1923360SM	2	PIN, Cotter 5/8 x 3/4
43	2156302SM	1	SPRING, Extension

#### **Footnotes**

The above parts group applies to the following Mfg. Nos.:

987668

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.



The above parts group applies to the following Mfg. Nos.:

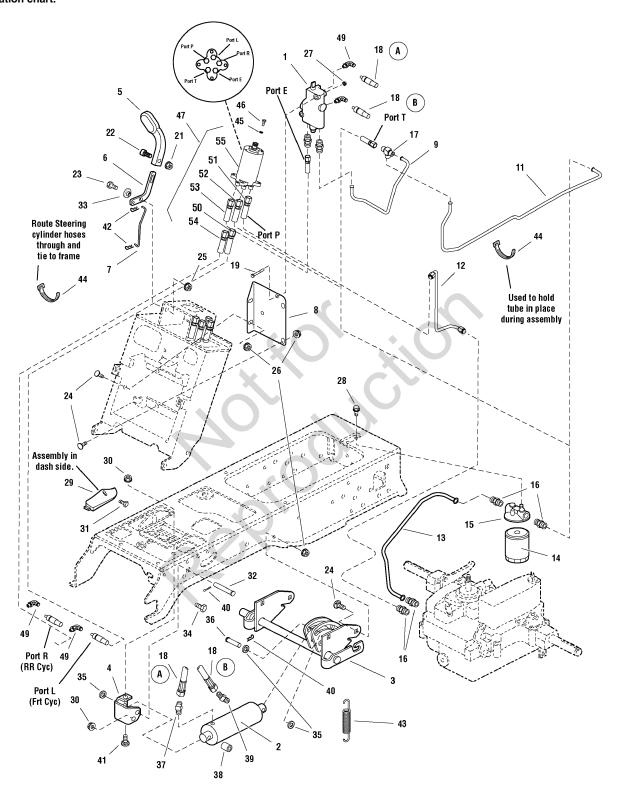
#### Lift Group - Hydraulic Lift with Power Steering

REF NO	PART NO.	QTY.	DESCRIPTION
44	1701011SM	2	TIE, Self Locking
45	1916964SM	4	LOCKWASHER, Spring 1/4
46	2860444SM	4	CAPSCREW, Hex Head
47	1734134SM	1	POWER STEERING ASSEMBLY, 32CC, 5 Ports Includes Ref. Nos. 50,51,52,53,54 & 55)
49	1733230SM	4	FITTING, Hose Elbow Perma Push 9/16-18
50	1733595SM	1	HOSE ASSEMBLY, 31" Port R
51	1733780SM	1	HOSE ASSEMBLY, 27" Port P
52	1733214SM	1	HOSE ASSEMBLY, 18" Port T
53	1733215SM	1	HOSE ASSEMBLY, 20" Port E
54	1733893SM	1	HOSE ASSEMBLY, 27" Port R
55	1732449SM	1	POWER STEERING UNIT, 32CC, 5 Ports



#### **Footnotes**

The above parts group applies to the following Mfg. Nos.: 2690735 - Prestige



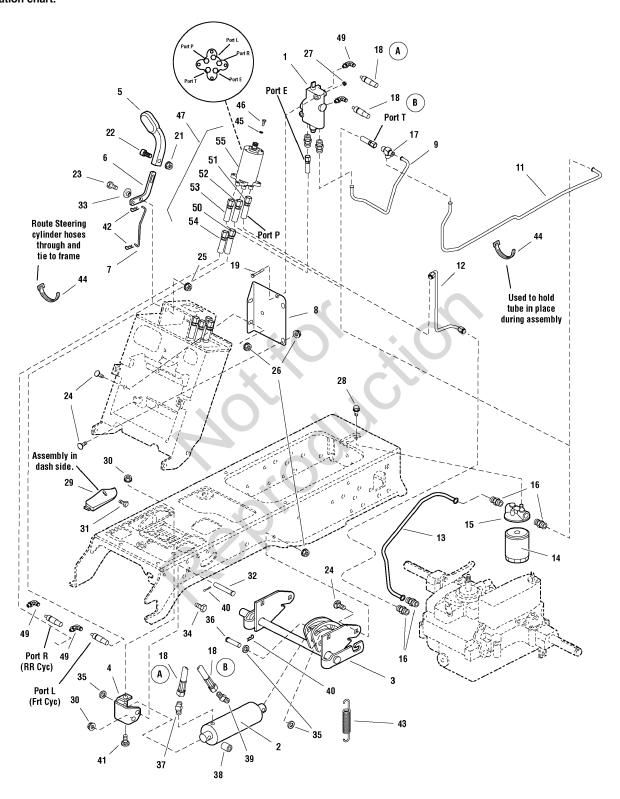
The above parts group applies to the following Mfg. Nos.:

# Lift Group - Hydraulic Lift with Power Steering

REF NO	PART NO.	QTY.	DESCRIPTION DESCRIPTION
1	1717558SM	1	VALVE, Control
2	1717336SM	1	CYLINDER, Hydraulic
3	1727436ASM	1	LIFT SHAFT
4	17274007.6M	1	SUPPORT, Cylinder
5	1722146SM	1	HANDLE, Lift
6	1721901SM	1	LEVER, Hydraulic
7	1727557SM	1	ROD, Curved Link
8	1721904ASM	1	SUPPORT, Control
9	1722135SM	1	TUBE, Hydraulic
11	1722138SM	1	TUBE, Hydraulic
12	1733727SM	1	TUBE, Hydraulic 3 Bends
13	1722297SM	1	TUBE, Hydraulic
14	1719168SM	1	FILTER, Oil
15	1719169SM	1	BASE, Oil Filter
16	1722123SM	4	FITTING, Straight
17	1733211SM	1	FITTING, Tee, 3 Ports / Hydraulic Hose
18	1733216SM	2	HOSE ASSEMBLY, Hydraulic
19	1921963SM	2	CAPSCREW, Hex Head, 1/4-20 x 2 G5
21	1920397SM	1	NUT, Hex Lock ESNA Light 1/4-20
22	1924009SM	1	CAPSCREW, Hex Head, 1/4-20 x 7/8
23	1921333SM	1	CAPSCREW, Hex Head 5/16-18 x 1 G5
24	1931333SM	8	CARRIAGE BOLT, 5/16-18 x 3/4 G5
25	1919438SM	1	NUT, Hex Lock ESNA Light 5/16-18
26	1960636SM	8	NUT, Hex KEPS 5/16-18
27	2828372SM	2	NUT, Hex KEPS 1/4-20
28	1931646SM	2	SCREW, Hex Whiz Lock Flange, 1/4-20 x 1/2
29	1722285SM	1	COVER, Dash ABS (SEE NARRATIVE)
30	1960637SM	2	NUT, Hex KEPS 3/8-16
31	1722607SM	1	SCREW, Pan Head Torque, #8-16 x 1/2, Plastite
32	1722147SM	1	PIN, Clevis
33	1723244SM	1	SPACER, Hydraulic Lift Pivot
34	1921210SM	1	CAPSCREW, Hex Head 3/8-16 x 1 G5
35	1960027SM	3	WASHER, 1/2
36	1722819SM	1	PIN, Flat Head Drilled
37	1722122SM	1	FITTING, Elbow 1/2
38	1722148SM	1	SPACER
39	1722141SM	1	FITTING, Elbow 1/2
40	1960033SM	2	CLIP, Hair Pin
41	1931350SM	1	CARRIAGE BOLT, 3/8-16 x 1 G5
42	1923360SM	2	PIN, Cotter 5/8 x 3/4
43	2156302SM	1	SPRING, Extension

## **Footnotes**

The above parts group applies to the following Mfg. Nos.: 2690792 - Prestige



The above parts group applies to the following Mfg. Nos.:

# Lift Group - Hydraulic Lift with Power Steering

REF NO	PART NO.	QTY.	DESCRIPTION
44	1701011SM	2	TIE, Self Locking
45	1916964SM	4	LOCKWASHER, Spring 1/4
46	2860444SM	4	CAPSCREW, Hex Head
47	1734134SM	1	POWER STEERING UNIT, w/Hoses (Includes Ref Nos 50, 51, 52, 53, 54 & 55)
49	1733230SM	4	FITTING, Hose Elbow Perma Push 9/16-18
50	1733595SM	1	HOSE, 31 in (Port L)
51	1733780SM	1	HOSE, 26 in (Port P)
52	1732214SM	1	HOSE, 18 in (Port T)
53	1733215SM	1	HOSE, 20 in (Port E)
54	1733893SM	1	HOSE, 27 in (Port R)
55	1732449SM	1	PUMP, Power Steering

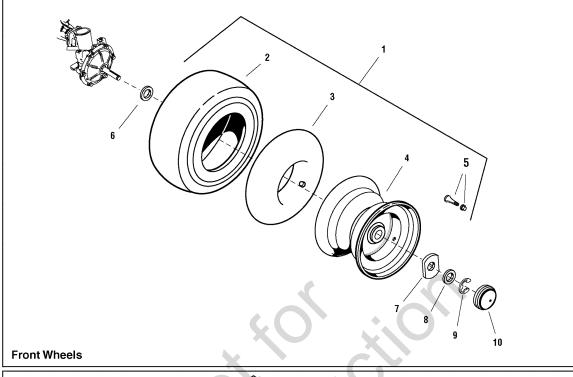


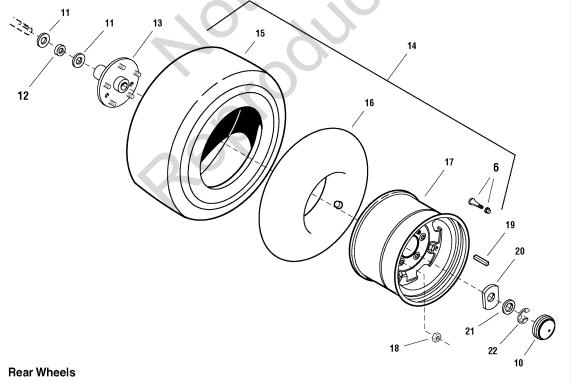
### **Footnotes**

The above parts group applies to the following Mfg. Nos.: 2690792 - Prestige

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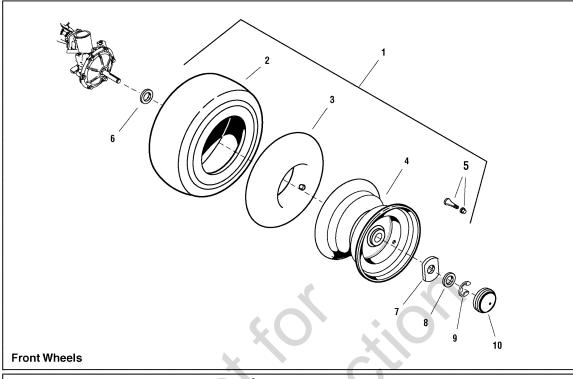
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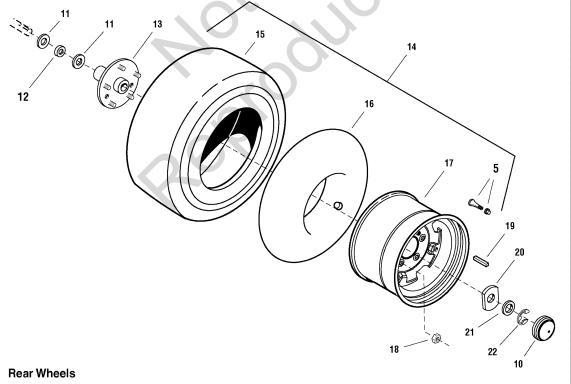
## Wheels & Tires Group

	a mes are	•		
REF NO	PART NO.	QTY.	DESCRIPTION	
1	1733236SM	2	WHEEL & TIRE ASSEMBLY	
2	1733485SM	2	TIRE, 16 x 6-1/2	
3	2153038SM	2	TUBE, Tire	
4	1733237SM	2	WHEEL ASSEMBLY	
5	2172353SM	4	VALVE STEM & CAP	
6	2860202SM	2	WASHER, Flat 3/4 x 1-5/8 x 1/8	
7	1722717ASM	2	WASHER, Flat	
8	1960114SM	2	WASHER, 3/4	
9	2827794SM	2	RING	
10	1722676SM	4	CAP, Hub	
11	1960701SM	4	WASHER, 1 x 2-1/4 x 1/8	
12	1726089SM	2	SPACER	
13	1721400SM	2	PLATE & HUB WELDMENT	
14	1733486SM	2	WHEEL & TIRE ASSEMBLY	
15	1733487SM	2	TIRE	
16	2157638SM	2	TUBE, Tire	
17	1722831SM	2	WHEEL	
18	2177725SM	10	NUT, Hex 7/16-20 For Wheel Bolt	
19	2105337SM	2	KEY, Hi-Pro 1/4 x 2	
20	1722726ASM	2	WASHER, Flat	
21	1919394SM	2	WASHER, Flat	
22	2834712SM	2	RING	

### **Footnotes**

The above parts group applies to the following Mfg. Nos.:





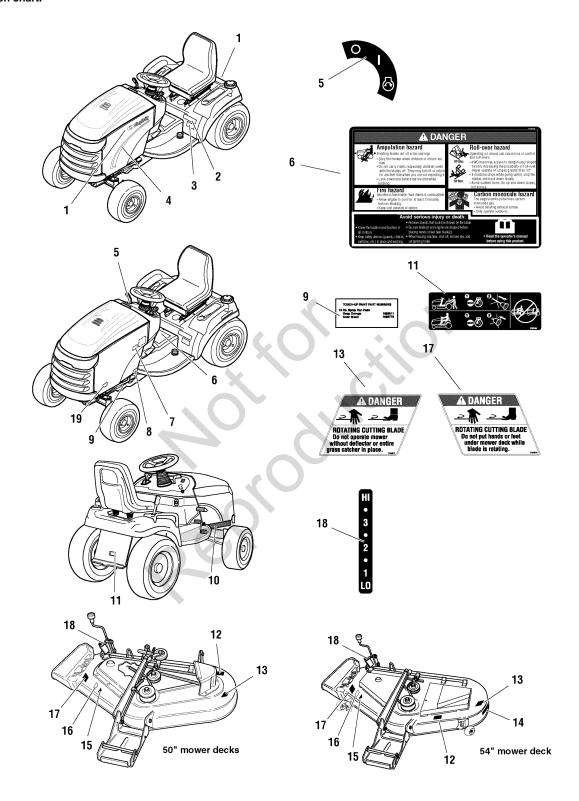
The above parts group applies to the following Mfg. Nos.:

## Wheels & Tires Group

Wilceis	a mes are	ир	
<b>REF NO</b>	PART NO.	QTY.	DESCRIPTION
1	1735010SM	2	WHEEL & TIRE ASSEMBLY (Includes Ref. Nos. 2, 3, 4 & 5)
2	1735706SM	2	TIRE, 16 x 6-1/2-8
3	2153038SM	2	TUBE, Tire
4	1733237SM	2	WHEEL ASSEMBLY
5	2172353SM	4	VALVE STEM & CAP
6	2860202SM	2	WASHER, Flat 3/4 x 1-5/8 x 1/8
7	1722717ASM	2	WASHER, Flat
8	1960114SM	2	WASHER, 3/4
9	2827794SM	2	RING
10	1722676SM	4	CAP, Hub
11	1960701SM	4	WASHER, 1 x 2-1/4 x 1/8
12	1726089SM	2	SPACER
13	1721400SM	2	PLATE & HUB WELDMENT
14	1735011SM	2	WHEEL & TIRE ASSEMBLY (Includes Ref. Nos. 5, 15, 16 & 17)
15	1735705SM	2	TIRE, 23 x 10-1/2-12
16	2157638SM	2	TUBE, Tire
17	1722831SM	2	WHEEL
18	2177725SM	10	NUT, Hex 7/16-20 For Wheel Bolt
19	2105337SM	2	KEY, Hi-Pro 1/4 x 2
20	1722726ASM	2	WASHER, Flat
21	1919394SM	2	WASHER, Flat
22	2834712SM	2	RING

### **Footnotes**

The above parts group applies to the following Mfg. Nos.:



The above parts group applies to the following Mfg. Nos.:

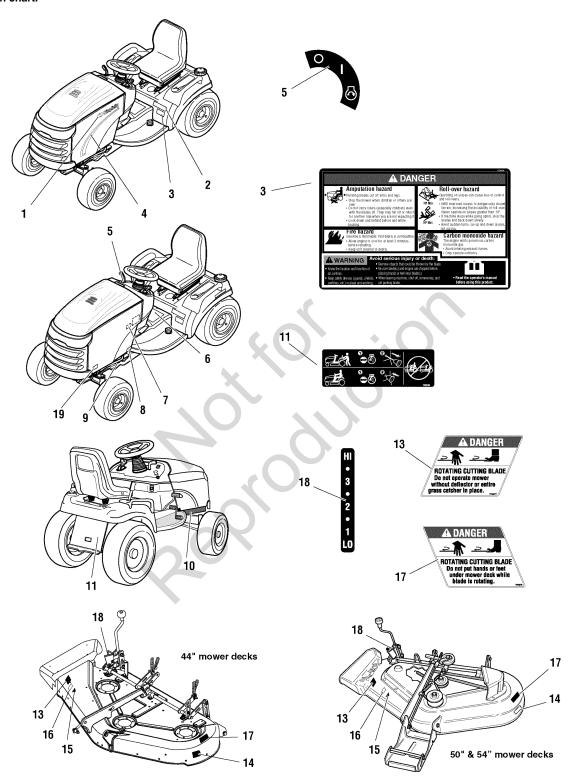
# **Decals Group**

	G.: C G.P		
REF NO	PART NO.	QTY.	DESCRIPTION
1	1722551SM	3	DECAL, Simplicity Silver & Blue w/Icon
2	1722821SM	1	DECAL, Prestige, Silver & Blue
3	1733190SM	1	DECAL, 27HP Silver on Clear
4	1722773SM	1	DECAL, Hood Stripe R.H. SMI Blue & Silver
4	1722774SM	1	DECAL, Hood Stripe L.H. SMI Blue & Silver
5	1722806SM	1	DECAL, Ignition Switch Symbols
6	1734026SM	1	DECAL, Tunnel Cover Danger Slopes, Blades
7	1734142SM	1	DECAL, Touch Up Paint
8	1723296SM	2	STICKER, Protection
9	*	1	DECAL, I.D. Plate
10	*	1	DECAL, Patent
11	1723160SM	1	DECAL, Transmission Release Valve
12	*	1	DECAL, I.D. Plate
13	1704277SM	1	DECAL, Danger Do Not Operate w/o Deflector
14	1722771SM	1	DECAL, Free Floating Mower (Used only on 54" deck)
15	*	1	DECAL, OPEI Certified
16	1706640SM	1	DECAL, 50" Silver on Black w/Stripe
16	1722791SM	1	DECAL, 54" Silver w/Black Stripe
17	1704276SM	1	DECAL, Danger Do Not Put Hand/Feet In Mower
18	1721197SM	1	DECAL, 1 2 3 4 5 6, Height of Cut White/Black
19	1726373SM	2	DECAL, 4x4

## **Footnotes**

NOTE \* Not a serviceable part.

The above parts group applies to the following Mfg. Nos.:



The above parts group applies to the following Mfg. Nos.: 2690735 - Prestige

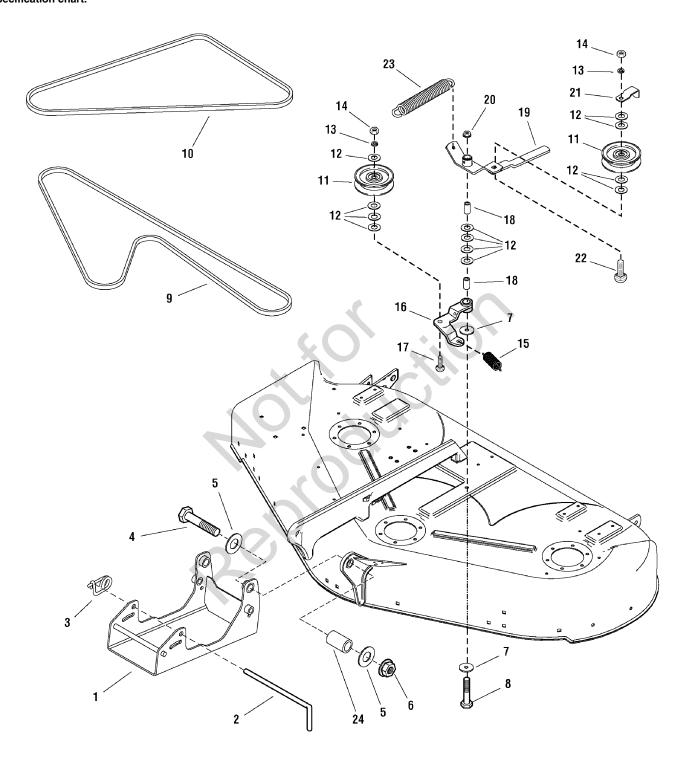
# **Decals Group**

	G.: C G.P		
REF NO	PART NO.	QTY.	DESCRIPTION
1	1722551SM	3	DECAL, Simplicity Silver & Blue w/Icon
2	1722821SM	1	DECAL, Prestige, Silver & Blue
3	1733190SM	1	DECAL, 27HP Silver on Clear
4	1722773SM	1	DECAL, Hood Stripe R.H. SMI Blue & Silver
4	1722774SM	1	DECAL, Hood Stripe L.H. SMI Blue & Silver
5	1722806SM	1	DECAL, Ignition Switch Symbols
6	1734026SM	1	DECAL, Tunnel Cover Danger Slopes, Blades
7	1734142SM	1	DECAL, Touch Up Paint
8	1723296SM	2	STICKER, Protection
9	*	1	DECAL, I.D. Plate
10	*	1	DECAL, Patent
11	1723160SM	1	DECAL, Transmission Release Valve
13	1704277SM	1	DECAL, Danger Do Not Operate w/o Deflector
14	1722771SM	1	DECAL, Free Floating Mower (Only used on 44" & 54" Mower Decks)
15	*	1	DECAL, OPEI Certified
16	1722789SM	1	DECAL, 44" Silver on Black w/Stripe
16	1722790SM	1	DECAL, 50" Silver on Black w/Stripe
16	1722791SM	1	DECAL, 54" Silver on Black w/Stripe
17	1704276SM	1	DECAL, Danger Do Not Put Hand/Feet In Mower
18	1721197SM	1	DECAL, 1 2 3 4 5 6, Height of Cut White/Black
19	1726373SM	2	DECAL, 4x4

## **Footnotes**

NOTE \* Not a serviceable part.

The above parts group applies to the following Mfg. Nos.:



The above parts group applies to the following Mfg. Nos.:

1695390 - 50" Mower 1695424 - 44" Mower

# 44" & 50" Mower Deck - Clutch & Support Group

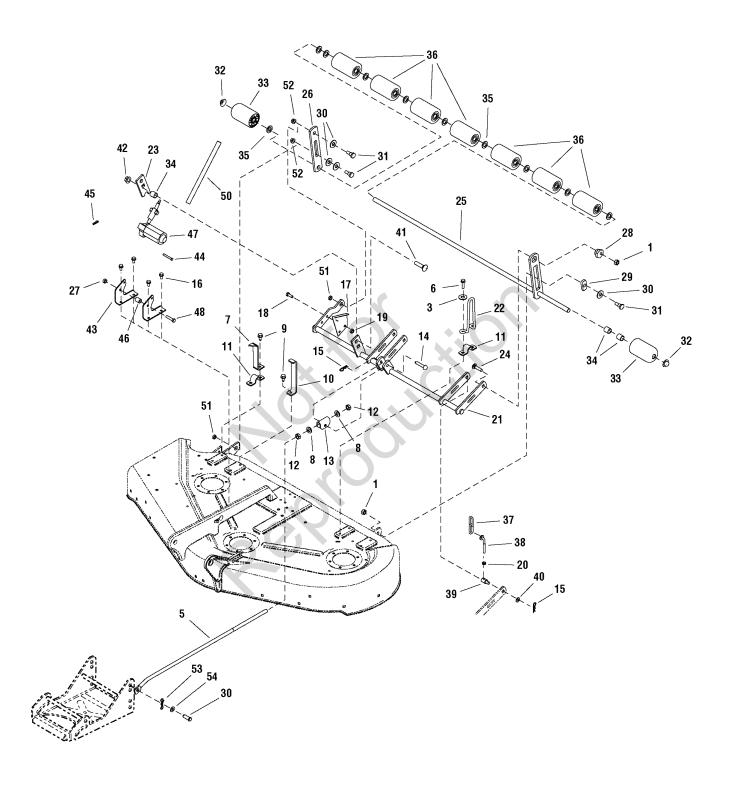
77 U U	o moner be	on o	aton a cupport aroup
REF NO	PART NO.	QTY.	DESCRIPTION
1	1737046ASM	1	HITCH & RODS ASSEMBLY, 4WD
2	1731414SM	1	ROD, Latch
3	2176012SM	1	SPRING PIN
4	1923701SM	1	CAPSCREW, 3/8-16 x 2
5	1922755SM	2	WASHER, 3/8
6	1960687SM	2	NUT, Hex Flange 3/8-16
7	1924356SM	2	WASHER, 3/8
8	1923938SM	1	CAPSCREW, Hex Head 3/8-15 x 3-1/2 G5
9	1703836SM	1	V-BELT, Arbor Drive (Used only on 50" Mower)
9	1721532SM	1	V-BELT, Arbor Drive (Used only on 44" Mower)
10	1734114SM	1	V-BELT, Mower Drive 70.1 (Used only on 50" Mower)
10	1734115SM	1	V-BELT, Mower Drive 62.1 (Used only on 44" Mower)
11	1724387SM	2	PULLEY, Idler
12	1924940SM	12	WASHER, 3/8
13	1916965SM	2	LOCKWASHER, Spring 3/8
14	1916950SM	2	NUT, Hex 3/8-16
15	1656936SM	1	SPRING, Extension
16	1718561SM	1	LEVER ASSEMBLY, Idler w/Bushing & Fitting
17	1931352SM	1	CARRIAGE BOLT, 3/8-16 x 1-1/2 G5
18	1674669SM	2	SPACER
19	1704658SM	1	LEVER ASSEMBLY, Idler w/Bushings & Fitting
20	1960339SM	1	NUT, Hex Flange 3/8-16 Machine Lock
21	1677135ASM	1	GUARD, Belt
22	1960315SM	1	CARRIAGE BOLT, 3/8-16 x 2 G5
23	1715435SM	1	SPRING, Extension
24	1737061SM	2	SPACER

### **Footnotes**

The above parts group applies to the following Mfg. Nos.:

1695390 - 50" Mower 1695424 - 44" Mower

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.



The above parts group applies to the following Mfg. Nos.:

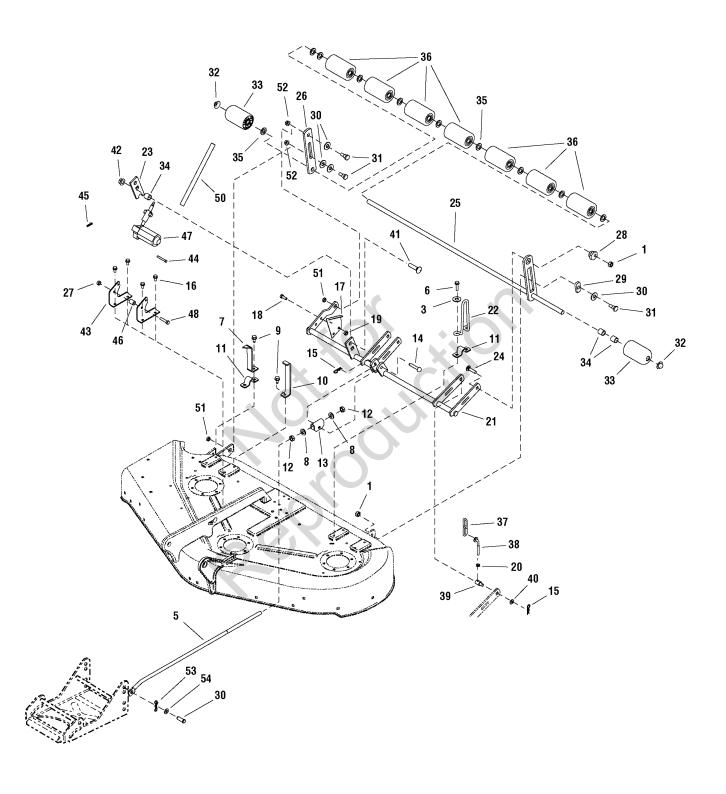
# 44" Mower Deck - Electric Height Adjustment & Roller Bar Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	2860681SM	2	LOCKNUT, Security 3/8-16
3	1924940SM	2	WASHER, 3/8
5	1734797SM	1	ROD, Adjustment
6	1931202SM	2	SCREW, Hex Washer Head Taptite 5/16-18 x 1-1/4
7	1720643ASM	1	INDICATOR, Height
8	1960170SM	2	WASHER, 1/2
9	1664847SM	5	SCREW, Hex Washer Head Taptite 5/16-18 x 3/4
10	1722748ASM	1	BRACKET, Up-Stop
11	1665374SM	3	STRAP, Roller E-Coat
12	1913744SM	2	NUT, Hex Jam 1/2-13
13	1704081ASM	1	TRUNNION, Rod
14	2118053SM	1	PIN, Round Head Drilled 3/8 x 2
15	1960074SM	3	CLIP, Hair Pin
16	1930601SM	4	SCREW, Hex Washer Head Taptite 5/16-18 x 5/8
17	1704116ASM	1	BRACKET, Height of Cut 16GA
18	1930591SM	2	SCREW, Hex Whiz Lock Flange 5/16-18 x 3/4
19	1931277SM	2	NUT, Hex Flange 5/16-18 Whiz Lock Small
20	1920161SM	2	NUT, Hex Jam 5/16-18
21	1733521ASM	1	SHAFT ASSEMBLY, Rocker 44"
22	1722747SM	1	UP-STOP, 6-1/4 High
23	1733386ASM	1	ARM, Rear 1/2 Thick
24	1931352SM	1	CARRIAGE BOLT, 3/8-16 x 1-1/2 G5
25	1716159ASM	1	SHAFT & BAR ASSEMBLY, Roller 44"
26	1704074ASM	1	BAR, Roller 5/16
27	1927557SM	1	NUT, Hex Flange 5/16-18 Whiz Lock Large
28	1704082SM	1	NUT, Hex Adjusting
29	1677507SM	1	SLIDE
30	1924361SM	5	WASHER, 1/2
31	2172622SM	3	BOLT, Shoulder 3/8-16 G5
32	1960520SM	2	NUT, Push for 5/8 Diameter Stud Capped
33	1722036SM	2	ROLLER
34	1602946SM	3	SPACER
35	1924366SM	10	WASHER, 5/8
36	1668513SM	7	ROLLER
37	1731383ASM	2	CHAIN, Link
38	1731384SM	2	ROD, Height Adjusting 5/16-18
39	1731382SM	2	TRUNNION
40	1960103SM	1	WASHER, 3/8
41	1960706SM	1	CARRIAGE BOLT, 1/2-13 x 2 G5
42	1960689SM	1	NUT, Hex Toplock Flange 1/2-13
43	1733828ASM	2	BRACKET, Mounting 10GA
44	1668344SM	1	PIN, Shear
45	1960221SM	1	CLIP, Hairpin

## **Footnotes**

The above parts group applies to the following Mfg. Nos.:

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.



The above parts group applies to the following Mfg. Nos.:

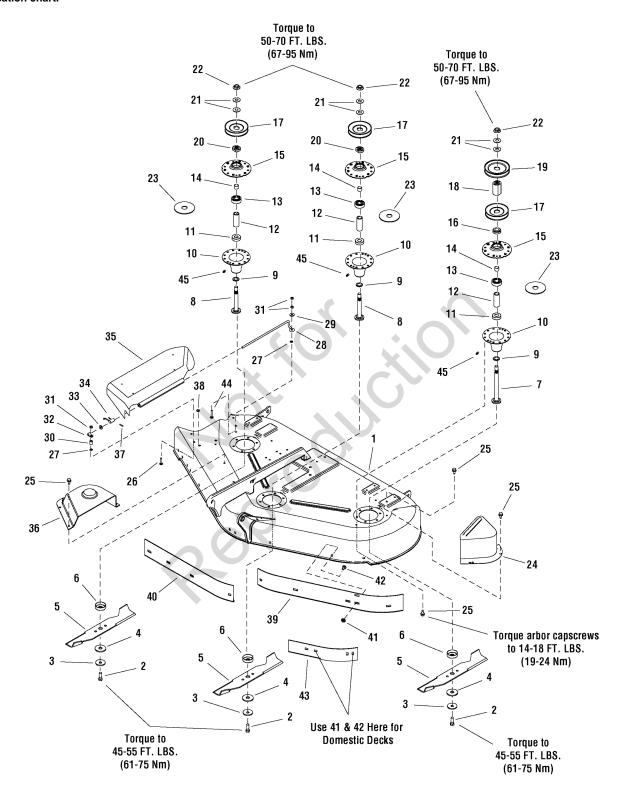
# 44" Mower Deck - Electric Height Adjustment & Roller Bar Group

REF NO	PART NO.	QTY.	DESCRIPTION
46	1733068SM	1	SPACER
47	1733513SM	1	MOTOR, Electric
48	1922127SM	1	CAPSCREW, Hex Head 5/16-18 x 1-3/4 G5
50	1733895SM	1	TUBE, Flexible
51	1663752SM	2	SPACER
52	1960339SM	2	NUT, Hex Flange 3/8-16 Machine Lock Large
53	1722320SM	1	PIN, Cotter Locking
54	1960116SM	1	PIN, Yoke



### **Footnotes**

The above parts group applies to the following Mfg. Nos.:



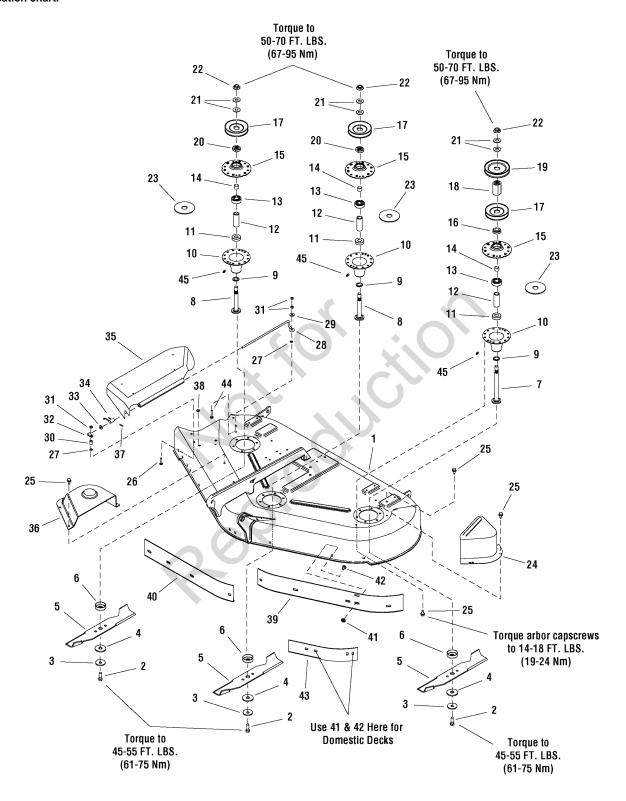
The above parts group applies to the following Mfg. Nos.:

# 44" Mower Deck - Housing, Arbors & Blades Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1687327SM	1	HOUSING ASSEMBLY, 44"
2	2823471SM	3	CAPSCREW, Hex Head 7/16-14 x 1-1/4 G8
3	1656916SM	3	WASHER, Spring
4	1713089SM	3	WASHER, Hex, 11/16 x 2
5	1704100SM	3	BLADE, Mower
6	1713196SM	3	SHIELD, Grass Lower Arbor Heat Treat
7	1713612SM	1	SHAFT, Arbor
8	1713195SM	2	SHAFT, Arbor
9	1713619SM	3	WASHER, Cup
10	1713338ASM	3	HOUSING, Arbor Bottom w/Lube Fitting (Includes Ref. No. 45)
11	1705897SM	3	BEARING, Ball 11/16 x 1-9/16 x 15/32
12	1732544SM	3	SPACER, Powdered Metal
13	2108202SM	3	BEARING, Ball
14	1715724SM	3	SPACER, 21/32 x 3/4 x 5/8
15	1655729ASM	3	HOUSING, Arbor Top
16	1713533SM	1	HUB, Powdered Metal
17	1713098SM	3	PULLEY
18	1713158SM	1	HUB, Hub Serated
19	1732951SM	1	PULLEY
19	1713091SM	1	PULLEY (CE/Export)
20	1713197SM	2	HUB, Pulley, Center & R.H.
21	1713675SM	6	WASHER, Bellville
22	1714419SM	3	NUT, Hex Flange 9/16-18
23	1707335SM	3	GASKET
24	1720560ASM	1	COVER, Arbor
24	1732200ASM	1	COVER, Arbor (No Ribs) (CE/Export)
25	1664847SM	27	SCREW, Hex Washer Head Taptite 5/16-18 x 3/4
26	1960633SM	2	CARRIAGE BOLT, 1/4-20 x 1-1/2 G5
27	1960518SM	2	NUT, Push for 1/4 Diameter Thread
28	1706709SM	1	ROD, Deflector
29	1710703SM	2	SPACER
30	1931320SM	2	CARRIAGE BOLT, 1/4-20 x 1-1/4 G5
31	1920397SM	2	NUT, Hex Lock ESNA Light 1/4-20
32	1704873SM	1	CLAMP, Wire, 5/16 Diameter
33	1919326SM	1	WASHER, 5/16
34	7101082SM	1	SPRING, Torsion Chute
35	1705449SM	1	DEFLECTOR
36	1715673SM	1	COVER, Arbor
37	1931277SM	1	NUT, Hex Flange 5/16-18 Whiz Lock Small
38	1705115SM	1	PLUG, Button
39	1716879ASM	1	BAFFLE, Blowout 44" LH (CE/Export)
40	1716878ASM	1	BAFFLE, Blowout 44" RH (CE/Export)
41	1927557SM	2	NUT, Hex Flange 5/16-18 Whiz Lock Large (Quantity 11 used on CE/Export Models)

## **Footnotes**

The above parts group applies to the following Mfg. Nos.:



The above parts group applies to the following Mfg. Nos.:

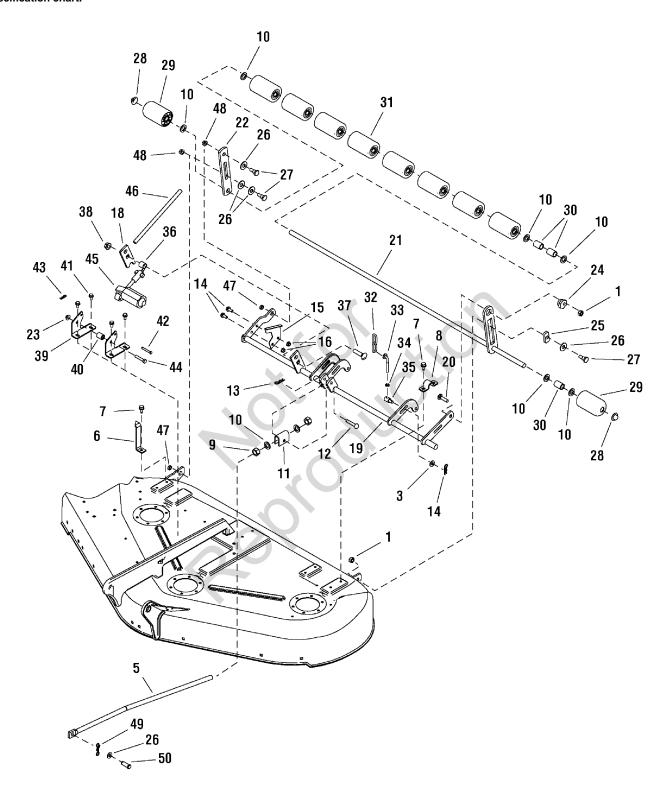
# 44" Mower Deck - Housing, Arbors & Blades Group

<b>REF NO</b>	PART NO.	QTY.	DESCRIPTION
42	1921333SM	2	CAPSCREW, Hex Head 5/16-18 x 1 G5 (Quantity 11 used on CE/Export Models)
43	1724538ASM	1	BAFFLE, Short Blowout
44	1960633SM	1	CARRIAGE BOLT, 1/4-20 x 1-1/2
45	1704314SM	3	FITTING, Grease 1/4 Drive



### **Footnotes**

The above parts group applies to the following Mfg. Nos.:



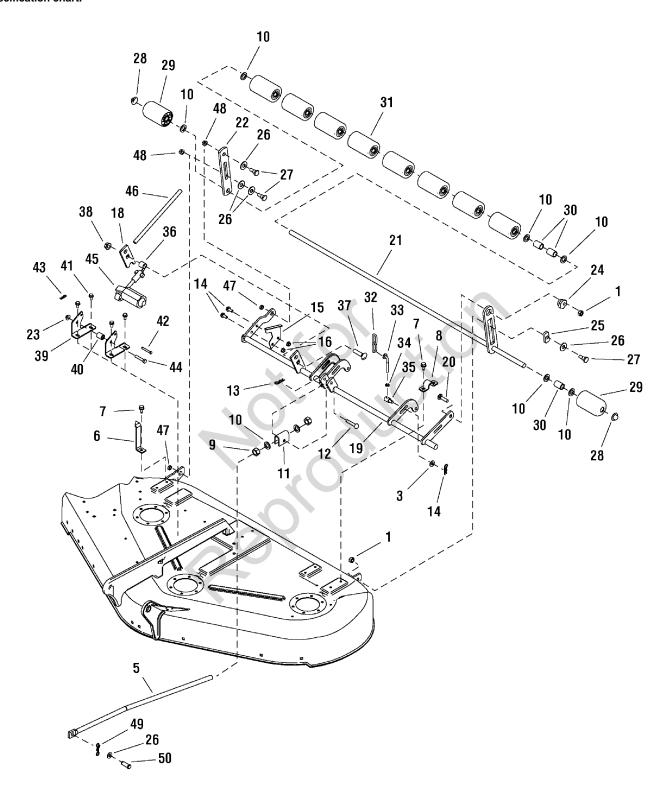
The above parts group applies to the following Mfg. Nos.:

# 50" Mower Deck - Height Adjustment & Roller Group

			Adjustifient & Holler Group
REF NO	PART NO.	QTY.	
1	2860681SM	2	NUT, Hex TopLock Spiral Lock Flange 3/8-16
3	1924940SM	2	WASHER, 3/8
5	1722995SM	1	ROD, Adjusting
6	1720643ASM	1	INDICATOR, Height
7	1664847SM	6	SCREW, Hex Washer Head Taptite 5/16-18 x 3/4
8	1665374SM	3	STRAP
9	1915726SM	2	NUT, Hex 5/8-11
10	1924366SM	8	WASHER, 5/8
11	1706645ASM	1	TRUNNION
12	2118053SM	1	PIN, Round Head Drilled 3/8 x 2
13	1960074SM	3	CLIP, Hair Pin
14	1930591SM	2	SCREW, Hex Whiz Lock Flange 5/16-18 x 3/4
15	1704116ASM	1	BRACKET, Height of Cut 16GA
16	1931277SM	2	NUT, Hex Flange 5/16-18 Whiz Lock Small
18	1733386ASM	1	ARM, Rear
19	1733522ASM	1	SHAFT ASSEMBLY, Rocker 50"
20	1931352SM	1	CARRIAGE BOLT, 3/8-16 x 1-1/2 G5
21	1716155ASM	1	SHAFT & BAR ASSEMBLY, Roller
22	1704074ASM	1	BAR, Roller
23	1927557SM	1	NUT, Hex Flange 5/16-18 Whiz Lock Large
24	1704082SM	1	NUT, Hex Adjusting
25	1677507SM	1	SLIDE
26	1924361SM	5	WASHER, 1/2
27	2172622SM	3	BOLT, Shoulder 3/8-16 G5
28	1960520SM	2	NUT, Push for 5/8 Diameter Stud Capped
29	1722036SM	2	ROLLER
30	1709195SM	3	SPACER
31	1668513SM	8	ROLLER
32	1731383ASM	2	CHAIN, Link
33	1731384SM	2	ROD, Height Adjusting
34	1920161SM	2	NUT, Hex Jam 5/16-18
35	1731382SM	2	TRUNNION
36	1602946SM	1	SPACER
37	1960706SM	1	CARRIAGE BOLT, 1/2-13 x 2 G5
38	1960689SM	1	NUT, Hex Toplock Flange 1/2-13
39	1733828ASM	2	BRACKET, Mounting
40	1733068SM	1	SPACER
41	1930601SM	4	SCREW, Hex Washer Head Taptite 5/16-18 x 5/8
42	1668344SM	1	PIN, Shear
43	1960221SM	1	CLIP, Hairpin
44	1922127SM	1	CAPSCREW, Hex Head 5/16-18 x 1-3/4 G5
45	1733513SM	1	MOTOR, Electric
46	1733895SM	1	TUBE
-			

## **Footnotes**

The above parts group applies to the following Mfg. Nos.: 1695390 - 50" Mower



The above parts group applies to the following Mfg. Nos.:

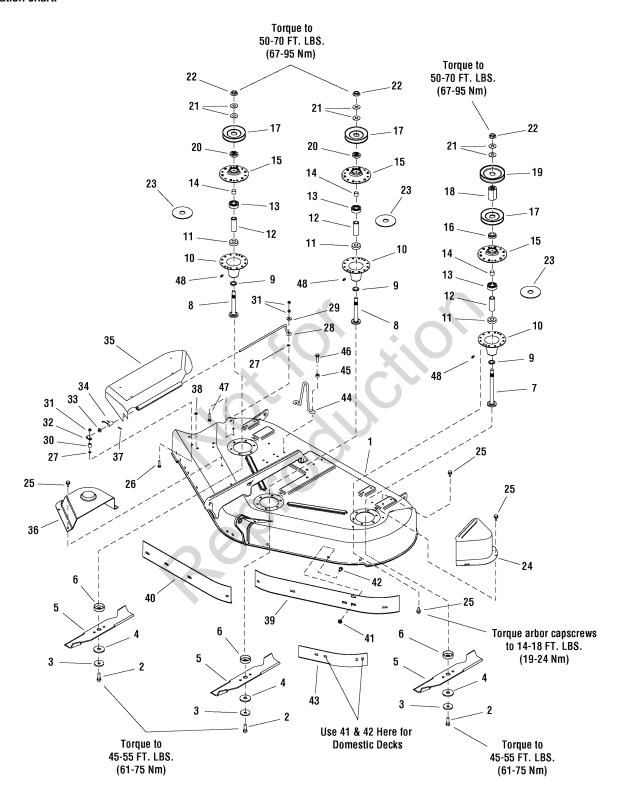
# 50" Mower Deck - Height Adjustment & Roller Group

REF NO	PART NO.	QTY.	DESCRIPTION
47	1663752SM	2	SPACER
48	1960339SM	2	NUT, Hex Flange 3/8-16 Machine Lock Large
49	1722320SM	1	PIN, Locking
50	1960116SM	1	PIN, Clevis 1/2



### **Footnotes**

The above parts group applies to the following Mfg. Nos.:



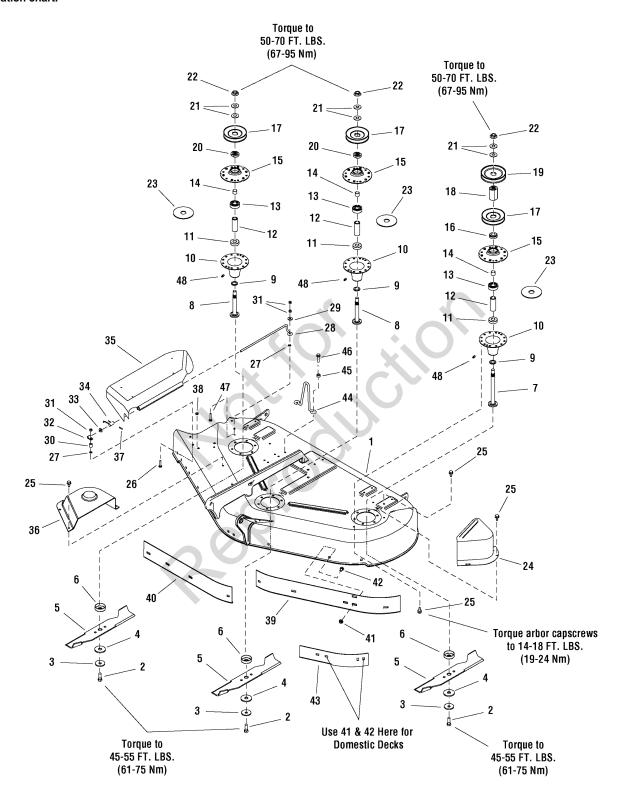
The above parts group applies to the following Mfg. Nos.:

# 50" Mower Deck - Housing, Arbors & Blades Group

REF NO	PART NO.	QTY.	DESCRIPTION				
1	1687325SM	1	HOUSING ASSEMBLY, 50" (Orange)				
1	1687326SM	1	HOUSING ASSEMBLY, 50" (Red)				
2	2823471SM	3	CAPSCREW, Hex Head 7/16-14 x 1-1/4 G8				
3	1656916SM	3	WASHER, Spring				
4	1713089SM	3	WASHER, Hex, 11/16 x 2				
5	1708229ASM	3	BLADE, Mower 50"				
6	1713196SM	3	SHIELD, Grass Lower Arbor Heat Treat				
7	1713612SM	1	SHAFT, Arbor				
8	1713195SM	2	SHAFT, Arbor				
9	1713619SM	3	WASHER, Cup				
10	1713338ASM	3	HOUSING, Arbor Bottom w/Lube Fitting (Includes Ref. No. 48)				
11	1705897SM	3	BEARING, Ball, 11/16 x 1-9/16 x 15/32				
12	1732544SM	3	SPACER, Powdered Metal				
13	2108202SM	3	BEARING, Ball				
14	1715724SM	3	SPACER, 21/32 x 3/4 x 5/8				
15	1655729ASM	3	HOUSING, Arbor Top				
16	1713533SM	1	HUB, Powdered Metal				
17	1713098SM	3	PULLEY				
18	1713158SM	1	HUB, Serated Powdered Metal				
19	1732951SM	1	PULLEY				
20	1713197SM	2	HUB, Pulley, Center & R.H.				
21	1713675SM	6	WASHER, Bellville				
22	1714419SM	3	NUT, Hex Flange 9/16-18				
23	1707335SM	3	GASKET, Foam Poly				
24	1720560ASM	1	COVER, Arbor				
25	1664847SM	27	SCREW, Hex Washer Head Taptite 5/16-18 x 3/4				
26	1931320SM	2	CARRIAGE BOLT, 1/4-20 x 1-1/4 G5				
27	1960518SM	2	NUT, Push for 1/4 Diameter Thread				
28	1706709SM	1	ROD, Deflector E-Coat				
29	1960353SM	1	WASHER				
30	1710703SM	2	SPACER, Powdered Metal				
31	1920397SM	2	NUT, Hex Lock ESNA Light 1/4-20				
32	1704873SM	1	CLAMP, Wire				
33	1919326SM	1	WASHER, 5/16				
34	7101082SM	1	SPRING, Torsion Chute				
35	1705449SM	1	DEFLECTOR				
36	1715673SM	1	COVER, Arbor				
37	1723323SM	1	CAP				
38	1705115SM	1	PLUG, Button				
39	1716870ASM	1	BAFFLE, Blowout 50" L.H. (CE/Export)				
40	1735184ASM	1	BAFFLE, Blowout 50" R.H. (CE/Export)				
41	1927557SM		NUT, Hex Flange 5/16-18 Whiz Lock Large				
42	1931333SM	2/11	BOLT, Carriage, 5/16-18 x 3/4				

## **Footnotes**

The above parts group applies to the following Mfg. Nos.:



The above parts group applies to the following Mfg. Nos.:

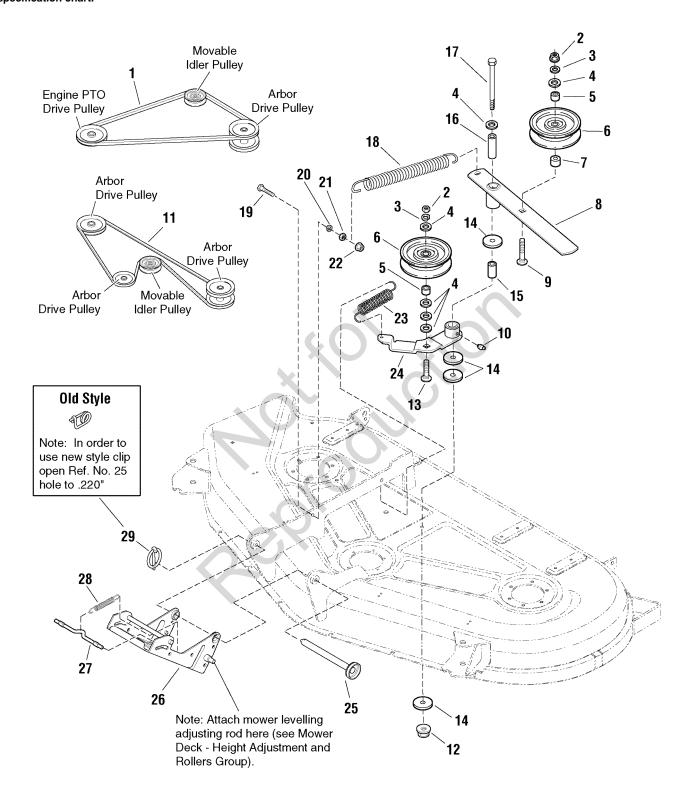
# 50" Mower Deck - Housing, Arbors & Blades Group

<b>REF NO</b>	PART NO.	QTY.	DESCRIPTION
43	1724538ASM	1	BAFFLE, Blowout (Domestic)
44	1704098SM	1	UPSTOP (Only used on Broadmoor Series)
45	1611705SM	2	SPACER (Only used on Broadmoor Series)
46	1931202SM	2	SCREW, Hex Washer Taptite (Only used on Broadmoor Series)
47	1960633SM	2	CARRIAGE BOLT, 1/4-20 x 1-1/2 G5
48	1704314SM	3	FITTING, Grease, 1/4 Drive



## **Footnotes**

The above parts group applies to the following Mfg. Nos.:



The above parts group applies to the following Mfg. Nos.:

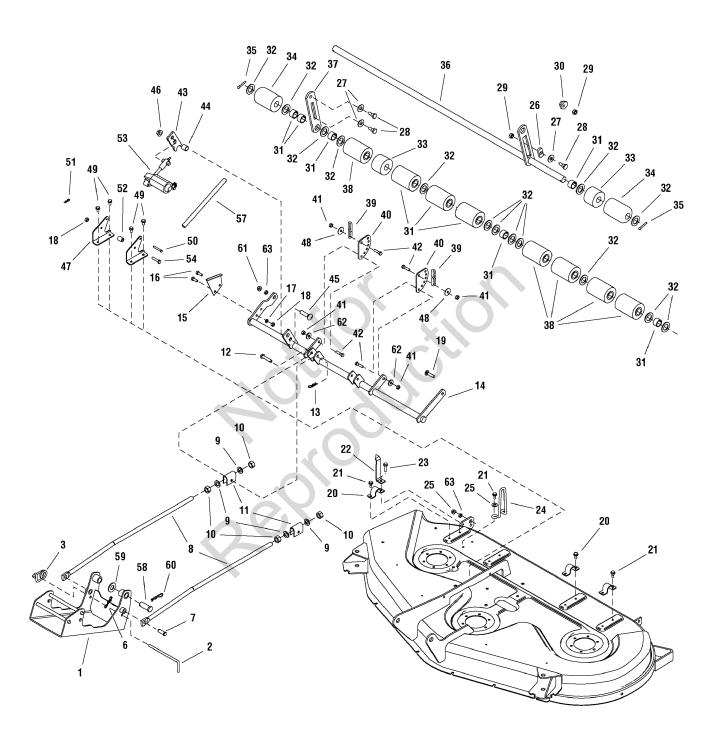
# 54" Mower Deck - Clutch & Support Group

54 Mower Deck - Clutch & Support Group						
REF NO	PART NO.	QTY.	DESCRIPTION			
1	1734065SM	1	V-BELT, Engine PTO			
2	1916950SM	2	NUT, Hex, 3/8-16			
3	1916965SM	2	WASHER, Lock, 3/8			
4	1924940SM	6	WASHER, 3/8			
5	1674669SM	2	SPACER			
6	1724387SM	2	PULLEY			
7	2157081SM	1	SPACER			
8	1720379SM	1	ASSEMBLY, Lever			
9	1960315SM	1	CARRIAGE BOLT, 3/8-16 x 2			
10	2812808SM	1	FITTING, Lube			
11	1671076SM	1	V-BELT, 54 Mower Deck			
12	1960339SM	1	NUT, Hex Flange 3/8-16			
13	1931352SM	1	CARRIAGE BOLT, 3/8-16 x 1-1/2			
14	1924356SM	3	WASHER, 3/8			
15	1674669SM	1	SPACER			
16	1657242SM	1	SPACER			
17	1960246SM	1	CAPSCREW, Hex Head, 3/8-16 x 4-1/2, G 5			
18	1715435SM	1	SPRING			
19	1921977SM	1	CAPSCREW, Hex Head, 5/16-18 x 1-1/4, G 5			
20	1917356SM	1	WASHER, Lock, 5/16			
21	1917372SM	1	NUT, Hex, 5/16-18			
22	1923362SM	1	NUT, Hex Center-Lock 5/16-18			
23	1656936SM	1	SPRING			
24	1718561SM	1	ASSEMBLY, Lever			
25	1720172SM	1	PIN, Hitch			
26	1686873SM	1	ASSEMBLY, Hitch			
27	1715759SM	1	ROD			
28	2156302SM	1	SPRING			
29	2176012SM	1	PIN, Safety			
29	1709189SM*	1	PIN, Klik			

### **Footnotes**

The above parts group applies to the following Mfg. Nos.:

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.



The above parts group applies to the following Mfg. Nos.:

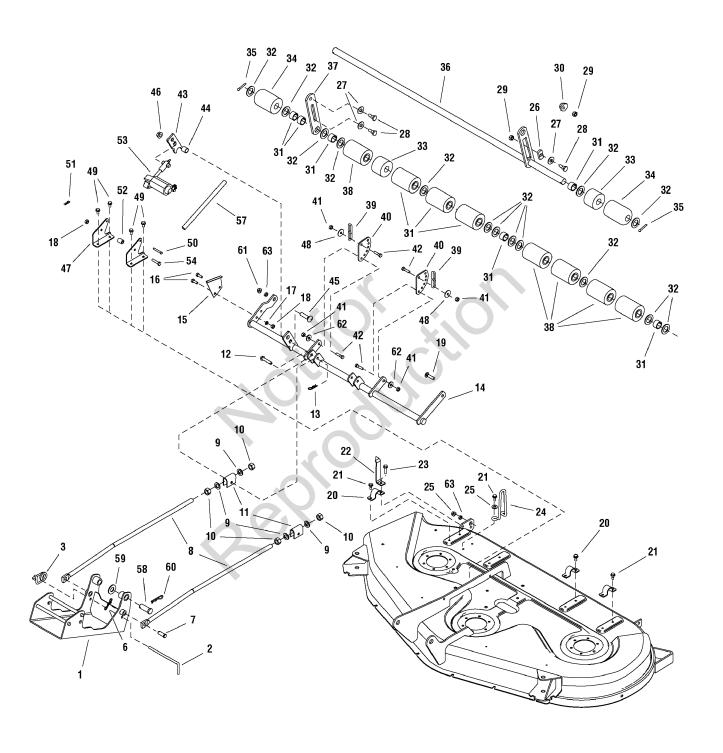
# 54" Mower Deck - Electric Height Adjustment & Roller Bar Group

REF NO PART NO. QTY. DESCRIPTION								
1	1737046ASM	1	HITCH & ROD ASSEMBLY, 54"					
2	1731414SM	1	ROD					
3	2176012SM	1	PIN, Spring					
6	1722320SM	2	IN, Cotter Locking					
7	1960116SM	2	PIN, Yoke					
8	1722995SM	2	ROD, Adjusting					
9	1924366SM	4	WASHER, 5/8					
10	1915726SM	4	NUT, Hex 5/8-11					
11	1706645ASM	2	TRUNNION					
12	2118053SM	2	PIN, Round Head Drilled 3/8 x 2					
13	1960074SM	2	CLIP, Hair Pin					
14	1733523ASM	1	SHAFT ASSEMBLY, Rocker 54"					
15	1704116ASM	1	BRACKET, Height of Cut					
16	1923325SM	2	CAPSCREW, Hex Head 5/16-18 x 7/8 G5					
17	1917356SM	2	LOCKWASHER, Spring 5/16					
18	1917372SM	3	NUT, Hex 5/16-18					
19	1931352SM	1	CARRIAGE BOLT, 3/8-16 x 1-1/2 G5					
20	1720147ASM	3	STRAP, Rod					
21	1960541SM	7	SCREW, Hex Washer Head Taptite 5/16-18 x 3/4					
22	1720643ASM	1	INDICATOR, Height					
23	1931202SM	1	SCREW, Hex Washer Head Taptite 5/16-18 x 1-1/4					
24	1719929SM	1	STOP, Up					
25	1924940SM	4	WASHER, 3/8					
26	1677507SM	1	SLIDE					
27	1924361SM	4	WASHER, 1/2					
28	2172622SM	3	BOLT, Shoulder, 3/8-16 G5					
29	2860681SM	2	NUT, Hex Toplock Spiralock Flange 3/8-16					
30	1704082SM	1	NUT, Hex Adjusting Powdered Metal					
31	1701873SM	6	SPACER					
32	2860626SM	14	WASHER, 1					
33	1720159SM	2	ROLLER					
34	1678043SM	2	ROLLER					
35	1918459SM	2	PIN, Cotter					
36	1723008ASM	1	SHAFT & BAR ASSEMBLY					
37	1723009ASM	1	BAR, Roller					
38	1678042SM	8	ROLLER W/BUSHINGS					
39	1731383ASM	2	CHAIN, Link					
40	1734126ASM	2	BRACKET, Roller Adjust					
41	1919438SM	4	NUT, Hex Lock ESNA Light 5/16-18					
42	1921977SM	2	CAPSCREW, Hex Head 5/16-18 x 1-1/4 G5					
43	1733520ASM	1	ARM, Rocker					
44	1602946SM	1	SPACER					
45	1960706SM	1	CARRIAGE BOLT, 1/2-13 x 2 G5					
-			,					

## **Footnotes**

The above parts group applies to the following Mfg. Nos.:

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.



The above parts group applies to the following Mfg. Nos.:

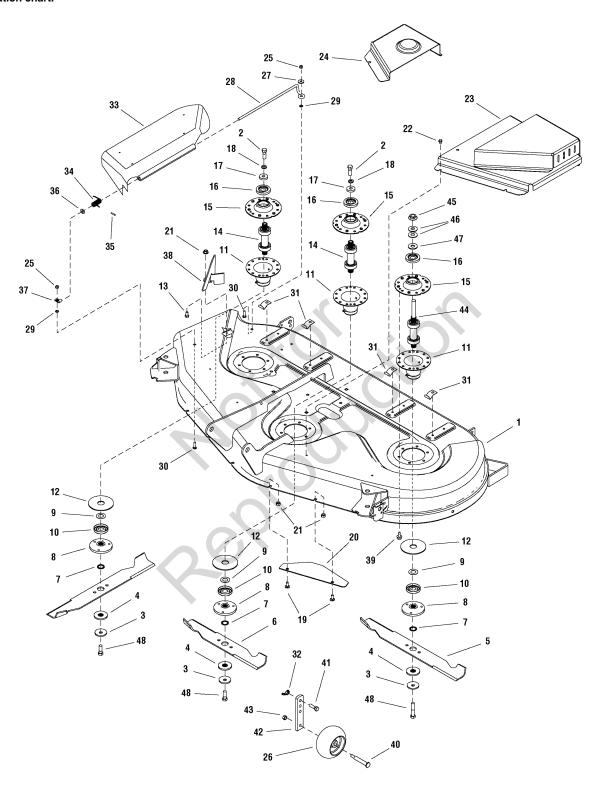
# 54" Mower Deck - Electric Height Adjustment & Roller Bar Group

DEE NO	DADTNO	OTV	DECODIDATION /
REF NO	PART NO.	QTY.	DESCRIPTION
46	1960689SM	1	NUT, Hex Toplock Flange 1/2-13
47	1733831ASM	2	BRACKET, Mounting
48	1960044SM	2	WASHER, 5/16
49	1930601SM	4	SCREW, Hex Washer Head Taptite 5/16-18 x 5/8
50	1668344SM	1	PIN, Shear
51	1960221SM	1	CLIP, Hairpin
52	1673796SM	1	SPACER, Powdered Metal
53	1733513SM	1	MOTOR, Electric Mini Actuator
54	1921221SM	1	CAPSCREW, Hex Head 5/16-18 x 1-1/2 G5
57	1733895SM	1	TUBE, Flexible
58	1736965SM	2	PIN, Clevis
59	1960061SM	2	WASHER, 3/4
60	1709189SM	2	CLIP, Hair Pin
61	1960339SM	2	NUT, Hex Flange 3/8-16 Machine Lock
62	1919381SM	2	WASHER, 5/16
63	1663752SM	2	SPACER



### **Footnotes**

The above parts group applies to the following Mfg. Nos.:



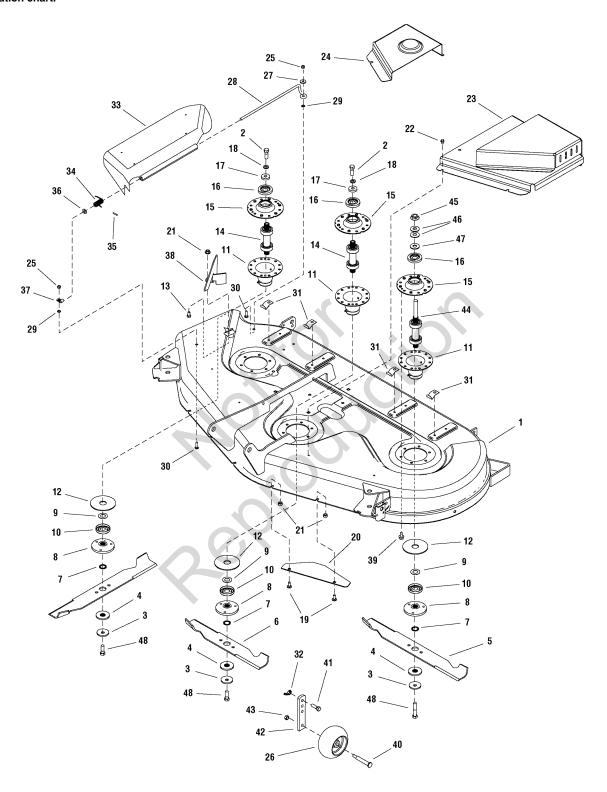
The above parts group applies to the following Mfg. Nos.:

# 54" Mower Deck - Housing & Arbor Group

54" Mower Deck - Housing & Arbor Group							
REF NO	PART NO.	QTY.	DESCRIPTION				
1	1687310SM	1	HOUSING ASSEMBLY, 54" Mower, Orange				
1	1687311SM	1	HOUSING ASSEMBLY, 54" Mower, Red				
2	2823471SM	5	APSCREW, Hex Head 7/16-14 x 1-1/4 G8				
3	1656916SM	3	ASHER, Spring				
4	1679711SM	3	ASHER, Splined				
5	1725921SM	2	BLADE, Mower 20.56				
6	1725922SM	1	BLADE, Mower 16.00				
7	1657528SM	3	RETAINING RING, Self Locking				
8	1655777SM	3	ADAPTER, Blade				
9	1700230SM	3	WASHER, Shim				
10	1700229SM	3	SHIELD, Bearing				
11	1703273ASM	3	HOUSING & FITTING ASSEMBLY, Lower				
12	1707335SM	3	GASKET, Foam				
13	1925205SM	1	CAPSCREW, Hex Head 5/16-18 x 5/8 G5				
14	1676278SM	2	ARBOR SHAFT & BEARINGS ASSEMBLY				
15	1655729ASM	3	HOUSING, Arbor Top				
16	1657969SM	3	SHIELD, Bearing, Mower Arbor, Upper				
17	1933263SM	2	WASHER				
18	1918199SM	2	LOCKWASHER, Spring				
19	1931333SM	2	CARRIAGE BOLT, 5/16-18 x 3/4 G5				
20	1720962ASM	1	BAFFLE, Front				
21	1960684SM	3	NUT, Hex KEPS 5/16-18 Conical Washer				
22	1927428SM	4	SCREW, Hex Washer Head Taptite 1/4-20 x 3/8				
23	1720621CSM	1	COVER ASSEMBLY, Upper, Orange				
23	1720621DSM	1	COVER ASSEMBLY, Upper, Red				
24	1733373CSM	1	COVER, Arbor R.H. 54", Orange				
24	1733373DSM	1	COVER, Arbor R.H. 54", Red				
25	1920397SM	2	NUT, Hex Lock ESNA Light 1/4-20				
26	1700184SM	2	WHEEL				
27	1960353SM	1	WASHER, 1/4				
28	1706709SM	1	ROD, Deflector, Front				
29	1960518SM	2	NUT, Push				
30	1960698SM	2	CARRIAGE BOLT, 1/4-20 x 1 G5				
31	1720623SM	4	CLIP, Spring				
32	7091049SM	2	NUT, Wing 3/8-16				
33	1705449SM	1	DEFLECTOR				
34	7101082SM	1	SPRING, Torsion, Chute				
35	1723323SM	1	CAP				
36	1919326SM	1	WASHER, 5/16				
37	1704873SM	1	CLAMP, Wire				
38	1724976ASM	1	BAFFLE, Discharge				
39	1664847SM	18	SCREW, Hex Washer Head Taptite 5/16-18 x 3/4				
40	7029265SM	2	BOLT, Shoulder, 3/8-16				

## **Footnotes**

The above parts group applies to the following Mfg. Nos.:



The above parts group applies to the following Mfg. Nos.:

# 54" Mower Deck - Housing & Arbor Group

REF NO	PART NO.	QTY.	DESCRIPTION
41	1920415SM	2	CAPSCREW, Hex Head 3/8-16 x 1-1/4 G5
42	7035835SM	2	POST, Anti-Scalp
43	1930645SM	2	NUT, Hex Flange 3/8-16 Two-Way Lock
44	1726825SM	1	ARBOR SHAFT & BEARINGS ASSEMBLY, 40"
45	1714419SM	1	NUT, Hex Flange 9/16-18
46	1713675SM	2	WASHER, Bellville
47	1918431SM	1	WASHER, 1/2
48	2827120SM	1	CAPSCREW, Hex Head 7/16-14 x 2-1/4 G8



### **Footnotes**

The above parts group applies to the following Mfg. Nos.:

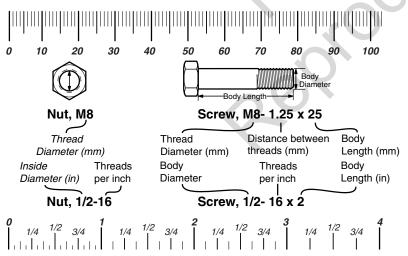
# **Hardware Identification & Torque Specifications**

# **Torque Specification Chart**

FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%)

Property Class 5.6 Class 5.6			8.8 Class 8.8		10.9 Class 10.9		12.9 Class 12.9	
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
M3	5.88	.56	13.44	1.28	19.2	1.80	22.92	2.15
M4	13.44	1.28	30.72	2.90	43.44	4.10	52.56	4.95
M5	26.4	2.50	60.96	5.75	5.97	8.10	7.15	9.7
M6	44.64	4.3	7.3	9.9	10.3	14	12.1	16.5
M7	5.2	7.1	12.1	16.5	16.9	23	19.9	27
M8	7.7	10.5	17.7	24	25	34	29	40
M10	15	21	35	48	50	67	59	81
M12	26	36	61	83	86.2	117	103	140
M14	42	58	101	132	136	185	162	220
M16	64	88	147	200	210	285	250	340
M18	89	121	202	275	287	390	346	470
M20	126	171	290	390	405	550	486	660
M22	169	230	390	530	559	745	656	890
M24	217	295	497	375	708	960	840	1140
M27	320	435	733	995	1032	1400	1239	1680
M30	435	590	995	1350	1401	1900	1681	2280
M33	590	800	1349	1830	1902	2580	2278	3090
M36	759	1030	1740	2360	2441	3310	2935	3980
M39	988	1340	2249	3050	3163	4290	3798	5150

The guides and ruler furnished below are designed to help you select the appropriate hardware.



## **Standard Hardware Sizing**

When a washer or nut is identified as 1/2" (M8), this is the Nominal size, meaning the inside diameter is 1/2 inch (8mm metric thread diameter); if a second number is present it represents the threads per inch (distance between threads).

When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the Nominal size, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the threads per inch, (1.25 thread diameter). The final number is the body length of the bolt or screw, 2 inches (50mm).

# **Torque Specification Chart**

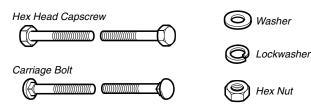
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)

Hardware Grade	No Marks  SAE Grade 2		SAE G	irade 5	SAE Grade 8		
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	
8-32	19	2.1	30	3.4	41	4.6	
8-36	20	2.3	31	3.5	43	4.9	
10-24	27	3.1	43	4.9	60	6.8	
10-32	31	3.5	49	5.5	68	7.7	
1/4-20	66	7.6	8	10.9	12	16.3	
1/4-28	76	8.6	10	13.6	14	19.0	
5/16-18	11	15.0	17	23.1	25	34.0	
5/16-24	12	16.3	19	25.8	29	34.0	
3/8-16	20	27.2	30	40.8	45	61.2	
3/8-24	23	31.3	35	47.6	50	68.0	
7/16-14	30	40.8	50	68.0	70	95.2	
7/16-20	35	47.6	55	74.8	80	108.8	
1/2-13	50	68.0	75	102.0	110	149.6	
1/2-20	55	74.8	90	122.4	120	163.2	
9/16-12	65	88.4	110	149.6	150	204.0	
9/16-18	75	102.0	120	163.2	170	231.2	
5/8-11	90	122.4	150	204.0	220	299.2	
5/8-18	100	136	180	244.8	240	326.4	
3/4-10	160	217.6	260	353.6	386	525.0	
3/4-16	180	244.8	300	408.0	420	571.2	
7/8-9	140	190.4	400	544.0	600	816.0	
7/8-14	155	210.8	440	598.4	660	897.6	
1-8	220	299.2	580	788.8	900	1,244.0	
1-12	240	326.4	640	870.4	1,000	1,360.0	

#### **NOTES**

- 1. These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- 2. Recommended seating torque values for locknuts:
  - for prevailing torque locknuts use 65% of grade 5 torques.
  - for flange whizlock nuts and screws use 135% of grade 5 torques.
- Unless otherwise noted on assembly drawings, all torque values must meet this specification.

### **Common Hardware Types**



### Wrench & Fastener Size Guide



1/4" Bolt or Nut Wrench-7/16"



5/16" Bolt or Nut Wrench-1/2'



3/8" Bolt or Nut Wrench-9/16"



7/16" Bolt or Nut Wrench (Bolt)-5/8



Wrench-3/4"

M12 Bolt or Nut M14 Bolt or Nut

M6 Bolt or Nut Wrench-10mm M8 Bolt or Nut

M10 Bolt or Nut Wrench-17mm

Wrench-22 mm



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## **Briggs & Stratton Yard Power Products Group**

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